

List of VM Consolidated documents of Dr. S. K. Kapoor

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Manuscript – 20 **4-SPACE VMS & T**

VM BOOK

4-SPACE VMS & T

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4-Space

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Lesson – 01 Lord Brahma

1. Vedic Systems accept 4-space as Creator's space.
2. Vedic Systems further accept Lord Brahma as the presiding deity of 4-space.
3. Scriptures preserve IDOL of Brahma being of format and features as that Lord Brahma creator the supreme is four head lord, with a pair of eyes equipped in each head and lord sits gracefully on lotus seat of eight petals.
4. Scripture further preserve the enlightenment as that Lord Brahma meditates upon Lord Shiv having seat within cavity of heart of Lord Brahma and with the grace of Lord Shiv, Lord Brahma multiplies as 10 Brahmas.
5. These features namely (i) four heads (ii) pair of eyes in each head (iii) Lotus seat of eight petals and (iv) seat of Lord Shiv, 5 head lord being within heart of Lord Brahma and that (v) Lord Brahma while meditating multiplies as 10 Brahmas with the grace of Lord Shiv, settle the format of features:
 - i. Being of four dimensions parallel to four heads
 - ii. Each dimension being spatial parallel to pair of eyes in each head.
 - iii. Boundary (seat) is solid and is of eight parts, parallel to 8 petals of lotus seat.
 - iv. Origin fold is parallel to seat of Lord Shiv within cavity of heart of Lord Brahma; and as such it is of attribute and feature that 5-space (content) manifests as origin fold.
 - v. While meditating Lord Brahma multiplies as 10 Brahmas with the grace of Lord Shiv and this attribute is parallel to 5-space accepting creative boundary (4-space) as boundary of 10 components.
6. It shall be leading us to
 - i. Spatial dimensional order settling dimensional frame of 4-space being of four spatial dimensions.
 - ii. Solid boundary being of 8 components.
 - iii. Creative (4-space) domain is having transcendental (5-space) origin.
 - iv. Transcendence takes place at origin and creative domain (4-space domain) splits as of 10 components at the boundary of 5-space domain.
 - v. The manifestation form being settled as above as per the features of Idol of Brahma becomes the manifested creation format.
7. This manifested creation format becomes the format for whole range of manifested creations including that of Idol of Lord Brahma himself as well.
8. This manifestation format is of four folds being designated and accepted here as dimension fold, boundary fold, domain fold and origin fold.
9. These four folds together are accepted as four fold manifestation layer of the manifested body.
10. Of these four folds, the domain fold is being taken as the basic reference fold for the manifested body. However never the less other three folds as well are of equal roles in the format of the manifested body.
11. These manifested body are being designated and accepted here as hyper cubes.
12. And each hyper cube is being designated and named in reference to domain fold.

13. As such the cube is designated as hyper cube 3 with 3-space content manifesting as domain fold of cube / hyper cube 3.
14. This further brings to focus that 3-space content manifesting as 3-space domain / volume of cube, that way points and relates to the basic features of 3-space content.
15. In general, space content manifesting as domain fold, is there because of the inherent feature of space content.
16. The creation format, as such amounts to having simultaneous manifestation of contents of four consecutive dimensional spaces.
17. Of the four consecutive dimensional spaces, the first space plays the role of dimensional with its space content manifesting as dimension fold of hyper cube.
18. The second space plays the role of boundary with its space content manifesting as boundary fold of hyper cube
19. The third space plays the role of domain as its space content manifests as domain fold of hyper cube
20. Finally the fourth space plays the role of origin with its content manifesting as origin fold of hyper cube
21. As such idol of Lord Brahma is of the format of hyper cube 4.
22. Here 2-space content manifests and plays the role of spatial dimension.
23. 3-space content manifests and plays the role of solid boundary of hyper cube 4.
24. 4-space content manifests and plays the role of domain fold of hyper cube 4.
25. 5-space content manifests and plays the role of origin fold of hyper cube 4
26. In the light of above features following table may be drawn

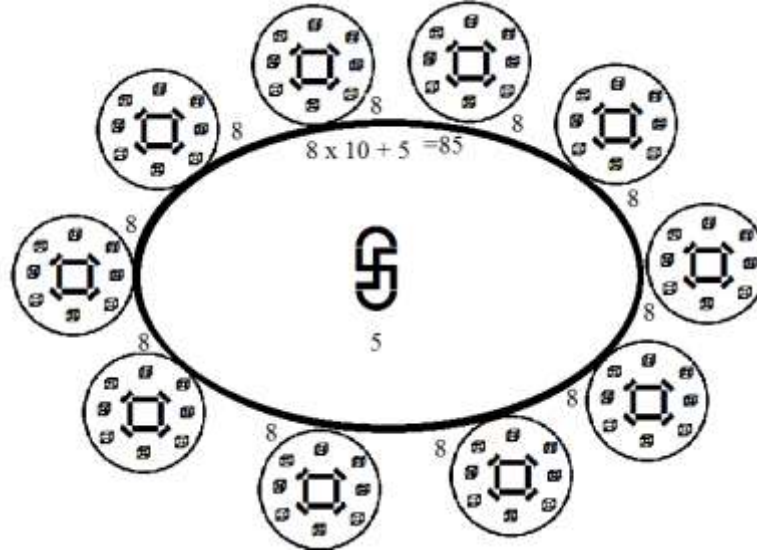
Table
Comparative features of idol of Lord Brahma and hyper cube 4

Sn.	Feature of idol	Feature of Hyper cube 4
1	4 heads	Four dimension
2	2 eyes in each head	Spatial dimension
3	8 petals	Solid boundary of 8 components
4	Seat of Lord Shiv in cavity of heart	5-space as origin
5	Brahma multiplies as ten brahmas With grace of Lord Shiv	Creative 4-space boundary of Transcendental (5-space) 5-space Domain is of ten components
6		

27. The above attainment features of Lord Brahma, creator the supreme multiplying as ten Brahmas with grace of Lord Shiv, is of the values and virtues of creation being of four

fold format permitting transcendence at the origin fold and thereby emerging creation format at the boundary of 5-space

28. Here It would be relevant to note that the above creation format manifest at boundary of 5-space with grace of Lord Shiv, five head lord.
29. One may have a pause here and take note that the $10 \times 8 = 80$ cubes set up completely envelops the creative 4-space boundary of transcendental (5-space) domain and this as such becomes the attainment features of Creator.



30. Further as that additional five solid dimensions contribution of transcendental (5-space) domain shall be making creation itself being of the range of $80 + 5 = 85$ features.

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Lesson - 2

Real 4-space

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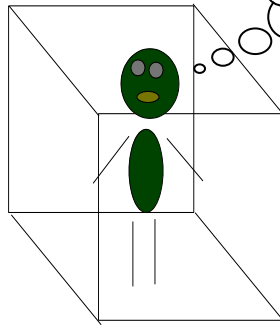
1. The space around us is real 4-space.
2. We exist in real 4-space.
3. Real 4-space permits motion of 3-space bodies.
4. One feature of transition from 3-space to 4-space is that 3-space bodies are in static state in 3-space while 3-space bodies acquire a degree of freedom of motion in 4-space.
5. Let us construct a three dimensional frame of three linear axes at any point of a space.
6. The origin of this three dimensional space, as such is a seat of 4-space.
7. Three dimensional space cuts the space framed in terms of it into 8 octants.
8. Parallel to it is the split of cube into 8 sub cubes.
9. This split of cube into 8 sub cubes is in reference to a three dimensional frame, with origin at center of the cube with it, center of cube becomes a seat of 4-space.
10. The inner most corners of 8 sub cubes gets super imposed upon center of the cube.
11. Likewise the collapse of 8 corner points of the cube at center of the cube makes this collapse at seat of 4-space.
12. In each corner of the cube is embedded a three dimensional frame of half dimensions with orientations for the dimensions being inward.
13. This feature of embedding of 8 three dimensional frames of half dimensions in 8 corners of the cube, at the event of collapse of 8 corner points at center of the cube make the setting for said 8 three dimensional frame as a set up of four three dimensional frames of full dimensions.
14. One may have a pause here and have a fresh visit to the features of this happening and emerging re-setting and organization of 8 three dimensional frames into a set of four three dimensional frames of half dimensions.
15. One may further have a pause here and take note that \
 - i. the split of cube into 8 sub cubes, that way brings to focus
 - ii. the setting of three dimensional frames of half dimensions into inner most 8 corner points of 8 sub cubes
 - iii. being a features of re-split for four three dimensional frames of full dimensions available at center of cube into 8 three dimensional frames of

half dimensions of inward orientation (i.e. towards the volume / domain parts of 8 sub cubes)

16. One shall again have a pause here and have a fresh visit to above Phenomenon.
17. It would bring to focus that 8 corner points of the cube get coordinated in terms of four inner diagonals passing through center of the cube.
18. Further as that the translation of three dimensional frames of half dimensions at end / corner points of a diagonal, with reach at middle of the diagonal / center of the cube amount to a state of synthesis format for the said pair of three dimensional frames of half dimensions into a three dimensional frame of full dimensions.
19. This synthesis, as such brings to focus a feature which deserve to be comprehended well for its complete appreciation and imbibing to have insight about the set up of four dimensional frame of four spatial dimensions settled as four padas / quarters of Swastik by the Vedic Systems.
20. One may again have a pause here and revisit these features of split and re-synthesis of a three dimensional frame into a pair of three dimensional frames of half dimensions and also the pair of three dimensional frames of half dimensions re-synthesizes a three dimensional frame of full dimensions.
21. The emergence of a four dimensional frame and center of cube / origin of 3-space / seat of 4-space of four dimensional frame of four spatial dimensions synthesizing as four padas / quarters of Swastik, deserve to be comprehended well for its proper imbibing.
22. One may again have a pause here and chase internal, square, cube and split of cube into 8 sub cubes with inner most corners of 8 sub cubes having a seat at center of cube as origin of 4-space being the seat of 4-space.
23. This chase is going to be of four steps.
24. First three steps chase is going to be along the formats of interval, square and cube.
25. Interval as a pair of end points, square has four boundary lines and cube has six surface plates.
26. The artifices triple (2, 4, 6) in its sequential organization leads at next step as of value 8.
27. This is going to be parallel to the availability of 8 sub cubes / 8 solid boundary components for the seat of 4-space / 4-space body (hyper cube 4).
28. With it, interval, square, cube and hyper cube 4 as a set up of hyper cubes 1, 2, 3 and 4 accept common formulation $A^n : 2^n B^{n-1}$, $n = 1, 2, 3, 4$, being the formulation for domain boundary ratios of interval, square, cube and 4-space body (hyper cube 4).
29. As at every point of space around us there can be embedded a three dimensional frame with origin at point of space will make it easy to conclude that there are as many seats of 4-space (for origins of three dimensional frames), as many are the points of location within the space around us (4-space).

30. Likewise, the inner space of cube as well framed in terms of a three dimensional frame with origin at center of the cube and consequential split of cube into 8 sub cubes parallel to 8 octants and each octant and parallel to it each sub cube would further provide a reach at 8 sub sub cubes and process is to go ad-infinitum. Thereby, the space within cube as well can be approached in terms of infinite seats of 4-

31. One the is there cube edges

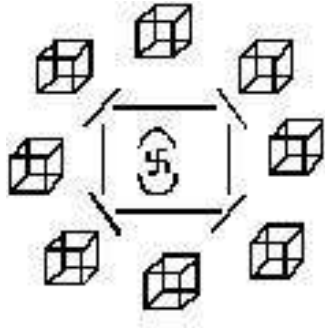


center of 32. One may note that space of makes look the inner space as only a non 4-space.

space. may have a pause here and take note conditioning of inner space of cube because of the geometric envelope of (consisting of 8 corner points, 12 and 6 surfaces) settled by a three dimensional frame with origin at the the cube.

further have a pause here and take the above conditioning of inner cube results into mental states which

33. To dissolve this mental state one shall first sit in a room (of four walls, roof and floor would making it a room and then come out of the room and have a fresh look at the space around (oneself), as well as in reference to the cube, and to revisit one's mental state and to see as to how smoothly and gently, the previous mental state of being insight the room would gets dissolved into a mental state of outside the room being of 4-space.



34.The
and
with



real life Phenomenon of 'lotus' of eight petals as a seat of 4-space deserve to be chased and comprehended fully for its conceptual format features being parallel to that of hyper cube 4 4-space` domain enveloped within a solid boundary of eight components.

35.Let us have a fresh look at the following symbolic / pictorial depictions of hyper cube 4 and Lord Brahma sitting grace fully at the lotus seat of 8 petals and to acquire insight about it.

Lesson - 3

4-space mathematics, Science & Technology

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- 36.4-space is a spatial order space.
- 37.Its Mathematics as such simultaneously accepts a pair of units '2 as 1' and '1 as 2' while 3-space Mathematics accepts and works with a single unit '1 as 1'.
- 38.Sciences of 3-space work out physical matter manifesting along the linear order format, while the 4-space sciences work out 4-space content in terms of its spatial order.
- 39.A reach from macro state to micro state within 4-space is there because of the spatial order of 4-space content.
- 40.Technologies of 4-space avail the format of hyper cube 4, as a four fold manifestation layer (2, 3, 4, 5) / 2-space as dimension, 3-space as boundary, 4-space as domain, 5-space as origin.
- 41.Vedic mathematics, Science & Technology avails the format of (Idol of Lord Brahma) along with which manifest, the whole range of hyper cubes.
- 42.Further the Discipline of Vedic mathematics, Science & Technology avails the transcendence feature of the format of Idol of Lord Brahma.
- 43.It is this transcendence feature of the format permitting transcendence at origin fold, which settles the transition and transformation from the format of given hyper cube to the format of next hyper cube.
- 44.This transition and transformation by way of transcendence from the format of a given hyper cube to the next hyper cube provides a transcendence from the four fold manifestation layer format to that of five fold transcendence range.
- 45.It is this attainment by way of transcendence from four fold manifestation format to five fold transcendence range for every pair of consecutive hyper cubes, is the feature which deserves to be comprehended well for its complete appreciation and proper imbibing to have full insight about it.
- 46.It is this inherent feature of manifested creations in 4-space along the format of idol of Lord Brahma, which that way distinguish the format, the features and values and Discipline of VMS & T from that of individual Disciplines of Mathematics, Sciences and Technologies of the space (4-space)
- 47.One may have a pause here and take note that the Discipline of VMS & T of 4-space avails a pair of consecutive manifestation layers and in terms of it transition and transformation is attained from format of four fold manifestation layer to that of five fold transcendence range.
- 48.One may further have a pause here and take note that the Discipline of VMS & T (of 4-space) that way chases the compactification of origins (origin folds).

49. It is this feature of the Discipline of VMS & T of 4-space, which in a way attains transition and transformation from the format of artifice (4) to that of the format (4 x 4) grid / matrix format.

50. This transition from the format of artifice (4) to that of (4 x 4) grid / matrix format, because of the compactification of origin folds leads to arrangement of values along 4 x 4 formats for sixteen folds of four consecutive manifestation layers, viz.

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

51. One may have a pause here and take note that the summation value of all the sixteen folds of four consecutive manifestation layers comes to be $(1+2+3+4) + (2+3+4+5) + (3+4+5+6) + (4+5+6+7) = 64 = 4 \times 4 \times 4$.

52. It is this transition from the format $4 \times 4 = 4 \times 4 \times 4$ which, that way becomes the glaring feature VMS & T

53. One may further have a pause here and take note that sequentially the transitions can be reached as $n, n \times n, n \times n \times n$ for all values of n .

54. One may further have a pause here and take note that the organization of 16 folds of 4 consecutive manifestation layers, infact is availing the values of 7 steps long range (1, 2, 3, 4, 6, 7)..

55. One may further have a pause here and take note that sequentially the whole range of seven step long ranges ($n, n+1, n+2, n+3, n+4, n+5, n+6$) for all values of n can be worked out.

56. With it the Discipline of VMS & T of 4-space becomes the Discipline of very big range of pure and applied values

57. One may further have a pause here and take note that way format of above 7 steps long range interconnects format and features of artifice n with itself as well as with the range of subsequent 6 artifices namely ($n+1, n+2, n+3, n+4, n+5, n+6$)

58. Further parallel to it n -space content, that way manifests and coordinates with the spaces contents of $n+1$ space, $n+2$ space, $n+3$ space, $n+4$ space, $n+5$ and $n+6$ space

59. It is this interlinking of range of 7 consecutive dimensional space contents which deserve to be chased for its full comprehension

60. This interlinking range of 6 steps ($n+1, n+2, n+3, n+4, n+5, n+6$) deserve to be chased and comprehended as of format and features of pair of artifices (4, 6) which is of the format of 4-space as dimension and 6-space as domain

61. Accordingly VMS & T of 4-space deserve to be chased in reference to

- i. 4-space content
- ii. 4-space body
- iii. 4-space as dimension
- iv. 4-space as boundary
- v. 4-space as domain and
- vi. 4-space as origin

62. Further the Discipline of VMS & T of 4-space also deserve to be chased in reference to (i) spatial dimensional order of 4-space (ii) solid boundary of 4-space (iii) hyper solid – 4 domain (iv) creative (4-space) origin

63. This chase, ultimately shall be leading us to the organization of hyper cubes as manifestation folds together as of range $H_1, H_2, H_3, H_4, H_5, H_6$ and H_7 getting organized as and along 4 x 4 format as under:

$H_1 \quad H_2 \quad H_3 \quad H_4$

H ₂	H ₃	H ₄	H ₅
H ₃	H ₄	H ₅	H ₆
H ₄	H ₅	H ₆	H ₇

*

Lesson - 4

4-space content

1. First element namely 'Earth' is of the format and features of linear order 3-space matter.
2. The second element namely 'Water' is of the format and features of spatial order 4-space content.
3. The transition from the format and features of 3-space matter to 4-space content is to be of attainment from the transition from 'Earth' to 'Water'.
4. This transition, in a way is going to be of the features and values from that of 'linear order' to that of 'spatial order'.
5. Along artifices of numbers, it would be a transition of values and virtues of artifices '1' to artifice '2'.
6. This in a way would be of the format and features of transition from value '1' to value of range steps '1, 2'.
7. Parallel to it would be the transition format of features from the set up of single axis to the set up of a pair of axes
8. Here it would be relevant to note that amongst the pair of axes, the second axis presumes the existence of first axis.
9. One may have a pause here and have a fresh look upon these features and it shall be bringing to focus as if single axis set up of Earth getting merged into a pair of axes set up of Water.
10. That way, the transition from '1' to '1, 2' would be bringing us face to face with features of $1 = 1$ and $2 = 2$, as well as $2 = 1 + 1$.
11. This in a way the transition from '1' to '2' would be of sequential steps reach being of values 2^0 , 2^1 .
12. One shall have a pause here and have a fresh look at the pair of sequential steps namely (i) (1, 2) and (ii) (2^0 , 2^1).
13. This pair of sequential steps shall be leading to a pair of sequences:
 - (i) 1, 2, 3, 4, 5, 6, --- and
 - (ii) 2^0 , 2^1 , 2^2 , 2^3 , 2^4 , 2^5 , ---
14. Further here, it also would be relevant to note that the sequential steps sequence [(1), (1, 2), (1, 2, 3), (1, 2, 3, 4), ---] shall also be leading us to values sequence (i) 1, 1+2, 1+2+3, 1+2+3+4, -- which is parallel to values sequence (1, 3, 6, 10, ---) of synthesis values of linear dimensions, viz. [(1), (1, 1)=3, (1, 1, 1) = 6, (1, 1, 1, 1) =10, ---]
15. Here It would be relevant to note that the synthesis values sequence of spatial dimensions comes to be [(2)=2, (2, 2)=4, (2, 2, 2)= 6, (2, 2, 2, 2)=8, ---].
16. This pair of values sequences of linear and spatial dimension respectively, namely
 - (i) (1, 3, 6, 10, ---) of linear dimensions synthesis values sequence, and
 - (ii) (2, 4, 6, 8, ----) values sequence in respect of spatial dimension synthesis;Shall be indicative of the distinguishing features of 3-space content vis-à-vis 4-space content.
17. The other reach for distinguishing features of 3-space content and 4-space content can be inferred and comprehended from three dimensional frame and four dimensional frame respectively.
18. Three dimensional frame is a set up of three linear dimensions with its origin being the seat of 4-space.

19. Four dimensional frame is a set up of four spatial dimensions with its origin being the seat of 5-space.
20. One another way to reach at a distinguishing feature of 3-space content and 4-space content can be in terms of the manifestation of spatial boundary in case of hyper cube 3 and solid boundary in case of hyper cube 4.
21. Here it would be relevant to note that spatial boundary of hyper cube 3 is a set up of 6 surface plates format while solid boundary of hyper cube 4 is a set up of 8 solid components.
22. One another way to reach at distinguishing features of 3-space content from that of 4-space content would be in terms of the measuring rods accepted by 3-space domain and 4-space domain respective.
23. One may have a pause here and take note that measuring rod of 3-space (domain) is a synthetic set up of hyper cube 1, 2 and 3 while the measuring rod of 4-space (domain) is the synthetic set up of hyper cubes 1, 2, 3 and 4.
24. One another way to reach at the distinguishing features of 3-space content manifesting as 3-space domain of hyper cube 3 and 4-space content manifesting as 4-space domain of hyper cube 4 would be to have comparative comprehension of the different roles of 3-space (content) vis-à-vis 4-space content as dimension fold of hyper cube 5 and hyper cube 6 respectively, further as 3-space boundary of hyper cube 4 and 4-space boundary of hyper cube 5 respectively and still further as 3-space (content) as origin of hyper cube 2 and 4-space content as origin of hyper cube 3 respectively.
25. The seven steps long roles and inter relationship of 3-space and 4-space respectively with other spaces shall be providing a comprehensive view of the distinguishing features of 3-space content from that of 4-space content.
26. Seventh steps long range of roles and relationships of 3-space with other spaces comes to be:
 - (i) (1, 3) / (1-space as dimension, 3-space as domain).
 - (ii) (2, 3) / (2-space as boundary, 3-space as domain)
 - (iii) (3, 3) / (cube within cube)/ synthesis values of pair of solid dimensions is 5 / transcendental (5-space) domain set up.
 - (iv) (3, 4) / (3-space as domain, 4-space as origin)
 - (v) (3, 5) / (3-space as dimension, 5-space as domain) / 3-space as domain, 5-space as base.
 - (vi) (3, 6) / (3-space as dimension, 6-space as origin) / 3-space as domain, 6-space as format
 - (vii) (3, 7) / (3-space as domain, 7-space as unity state) / 3-space being a set up of 7 geometries range / hyper cube 3 as 7 versions
27. Likewise Seventh steps long range of roles and relationships of 4-space with other spaces comes to be:
 - (viii) (1, 4) / (1-space as dimension, 4-space as origin).
 - (ix) (2, 4) / (2-space as dimension, 4-space as domain)
 - (x) (3, 4) / (3-space as boundary, 4-space as domain)
 - (xi) (4, 4) / (hyper cube 4 within hyper cube 4)
 - (xii) (4, 5) / (4-space as domain, 5-space as origin)
 - (xiii) (4, 6) / (4-space as dimension, 6-space as domain)
 - (xiv) (4, 7) / (4-space as dimension, 7-space as origin)
64. Origin of three dimensional frame as a seat of 4-space deserve to be comprehended well and its features to be appreciated fully and to be imbibed completely for full insight about the distinguishing features of 3-space content and 4-space content.

Lesson – 5

4-space body

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1. 4-space body is hyper solid.
2. 4-space regular body is of hyper cube 4 format.
3. 4-space content manifests as domain fold of hyper cube 4.
4. 4-space body, as such is a 4-space content lump
5. It has hyper volume.
6. The fixation of a point of hyper domain is fixed in reference to boundary fold.
7. This fixation is also attained in reference to the dimensional frame with placement for the origin of dimensional frame and center of hyper cube 4 / origin of 4-space
8. The coverage for hyper domain is reached in terms of a measuring rod synthesised as hyper cubes 1, 2, 3 and 4.
9. This reach as of 4 steps is of the format and features of interval, square, and cube and the set up of 8 sub cubes enveloping center of the cube.
10. The fourth step namely the fixation of the point of 4-space in terms of 8 sub cubes of cube at center of the cube as a seat for the inner most corner points of 8 sub cubes deserve to be comprehended well.
11. Also, simultaneously, there can be nine 4-space points fixation at eight corner points and 9th at center of the cube.
12. One may have a pause here and take note that in each corner of the cube is embedded a three dimensional frame of half dimensions.
13. At center of the cube is embedded a three dimensional frame of full dimensions.
14. The split of cube into 8 sub cubes and further split of each cube into 8 sub sub cubes will work out further simultaneous fixation of multiple points of 4-space like fixation of 4-space points in terms of 3-space body (cube), the 4-space body itself will help have a fixation for a 5-space point.
15. The chase of 4-space body in terms of 3-space body is a process and technique of many aspects.
16. First aspect as has been elaborated above being of the features of fixation of the center of the cube.
17. The second aspect in the context is form of enveloping of 4-space body with the help of 8 solid boundary components.
18. Further as origin of 4-space is of a solid dimensional order, as such the availability of five solid dimensions shall be providing reference formats for fixation of 4-space body.
19. 4-space body in the role of dimension shall be leading to the set up of 6-space.
20. That way the dimensions of dimensional frame of 6-space as well shall be focusing upon different features of 4-space body
21. 4-space body in its different roles like dimension fold, boundary fold, origin fold shall be further providing proper comprehension in respect of different features and values of 4-space body

22. 4-space as creative boundary of 5-space is one such feature and value which deserve to be comprehended well.
23. The split of creative boundary of 5-space into 10 components is one glaring feature which deserve to be comprehended well.
24. The artifices triple (4, 2, 0) parallel to it transcendence steps triple (4-domain, 2-space as dimension, 0 space as dimension of dimension) will lead us to further set of features of 4-space domain / 4-space` body.
25. The artifices triple (6, 4, 2) and parallel to it transcendence steps triple (6-space as domain, 4-space as dimension, 2-space as dimension of dimension) shall be further bringing us face to face with different features of 4-space domain / 4-space body).
26. The spatial dimensional order of 4-space on chase shall be leading us to another set of features of 4-space / 4-space body.
27. Solid boundary of 4-space shall be further leading us to features of 4-space / 4-space body transcendental (5-space) origin of 4-space shall be still further leading us to glaring features of 4-space / 4-space body.
28. The location of 4-space at origin 3-space / as origin of 3 dimensional frame / at center of cube will provide us significant Reality of Existence format and features of 4-space point being the structured point full of structures of 4-space.

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Lesson - 6

Spatial Dimensional order

1. 4-space is of spatial dimensional order i.e. 2-space plays the role of dimension of 4-space.
2. Surfaces are of the format and features of 2-space content set up.
3. The chase of Sequence of polygons leads to comprehension of the dimensional setups of four fold manifested creations along the format of Idol of Lord Brahma / hyper cube 4 format.
4. Triangle as polygon 3 is having 2π external angle and 1π internal angle
5. Square as polygon 4 is having 2π as external angle and 2π as internal angle.
6. Polygon 5 is having 2π external angle and 3π internal angle.
7. In general polygon n is having 2π external angle and $(n-2)\pi$ as internal angle
8. This feature is parallel to n-space having (n-2) space as its dimension.
9. Let us have a fresh look at the set ups of polygons again.
10. Triangle (polygon 3) is having no internal diagonal.
11. Polygon 4 is having 1 internal diagonal from each of the four corner points.
12. In general polygon n is having (n-3) internal diagonals from each of its corner points.
13. This feature is parallel to n-space as origin and (n-3) as dimension.
14. Let us again have a fresh look at the set ups of polygons.
15. For joining a pair of points there is need of 1 line
16. For joining a center with 1 corner point of polygon, there would be need of 1 connecting line.
17. For joining a center with 2 corner point of polygon, there would be need of a pair of lines.

18. In general, for joining center with n corner points of polygon there would be need of n connecting lines.
19. This features is parallel to the value of synthesis of two dimensions of order n is equal to the sum of values of two dimensions (i.e. $n + n$) – the value of dimension of n-space (i.e. $n-2$) which shall be making total synthesis value for pair of dimensions of n order to be $[(n+n) - (n-2)] = n + 2$.
20. A step ahead the synthesis value of three dimensions of order n would be $[(n+n+n)-2 (n-2)]= 6$.
21. A step ahead the synthesis value of 4 dimension of order n would be $[(n+n+n+n)-3 (n-2)]=n+6$ and like that sequentially the synthesis values of any numbers of dimensions of order n can be reached at.
22. For $n=1$, we shall be reaching at sequential synthesis values for single, double, triple, and so on of dimensions of linear order as (1, 3, 6, 10, ---).
23. For $n= 2$, we shall be reaching at sequential synthesis values for single, double, triple, and so on of dimensions of spatial order as (2, 4, 6, 8, 10, ---).
24. For $n = 3$, we shall be reaching at sequential synthesis values for single, double, triple, and so on of dimensions of solid order as (3, 5, 6, 6, 5, ---).
25. For $n = 4$, we shall be reaching at sequential synthesis values for single, double, triple, and so on of dimensions of creative order (4-space) order as (4, 6, 6, 4,-).
26. For $n = 5$, we shall be reaching at sequential synthesis values for single, double, triple, and so on of dimensions of transcendental (5-space) order as (5, 7, 6, --).
27. These features are carried forward by the spatial order and are embedded in the set ups of manifested creations along the format of hyper cube 4 i.e. along 4 fold manifestation layer (2, 3, 4, 5).
28. This feature of spatial dimensional order, in particular deserve to be comprehended well and to be appreciated and to be imbibed fully for thought insight of spatial dimensional order.

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Lesson - 7

Solid boundary

1. One distinguishing feature of hyper cube 4 from the set ups of other hyper cubes is that hyper cube 4 is having solid boundary.
2. The solid boundary of hyper cube 4 permits split as of 8 components.
3. This split is parallel to the split of a cube into 8 sub cubes.
4. Further it is parallel to the split up of 3-space into 8 octants.

5. The volume of Cube is enveloped by the set up of 26 components (8 corner points, 12 edges, 6 surfaces).
6. This as such enveloped boundary makes a set up of 27 components.
7. As such single cube accept association of value $27 = 3^3$.
8. Set up of $2^3=8$ cubes shall be accepting value 6^3
9. However the synthesis of 8 cubes as sub cubes into a cube shall be leading to 5^3 components (value).
10. This, that way shall be associating triple values set up $(2^3, 6^3, 5^3)$
11. Likewise $3^3 = 27$ cubes synthesizing as a cube shall be leading us to values triple $(3^3, 9^3, 7^3)$.
12. A step ahead $4^3 = 64$ cubes synthesizing as a cube shall be leading to values triple $(4^3, 12^3, 9^3)$
13. A step ahead synthesis of $5^3 = 125$ cubes as a cube shall be leading us to values triple $(5^3, 15^3, 11^3)$
14. In general n^3 cubes on synthesis as a cube shall be leading us to values triple $(n)^3, 3n^3, (2n+1)^3$
15. One may have a pause here and take note that the format $n, n \times n, n \times n \times n$ with organization of values along $n \times n \times n$ as under leads to value n^3

1	2	3-----	n	
2	3	4-----		n+1
3	4	5-----	n+2	
		-----		----
n, n + 1, n + 2, ---- 2 n-1				

16. One may further have a pause here and take note that the center of the synthesized cube by 8 sub cubes is parallel to a seat of 4-space enveloped within solid boundary of 8 components.
17. Further it also would be relevant to note that the value of synthesized cube, in this case, comes to be $5^3 = 125$ and its difference value from 6^3 being 91, the same as such deserve to be chased.
18. One may further have a pause here and take note that the reflection operation and transcendence Phenomenon come into play in the process of synthesis attainment in this case.
19. However during subsequent synthesis process in case of $3^3, 4^3, 5^3$ sub cubes, the center of synthesized cube is having a middle placement of the middle layer of cubes.
20. It is this feature which deserve to be comprehended well.
21. It is this feature of synthesis process which brings us face to face with as to how the fixation of the middle point at center of the middle layer dominantly adds to the features of the middle point
22. One shall further have a pause here and sequentially chase the placement of middle point in the middle layer set up of sub cubes $(3^3, 4^3, 5^3, ---)$.
23. One may further have a pause here and take note that these sequential features bring to focus compactification of origins
24. Further it also brings to focus the transcendental (5-space) base of creative 4-space domain as origin.
25. This as such, further brings to focus the role and contribution of transcendental base of creative origin.
26. This further shall be bringing us face to face with as to how the third element (fire) plays it role in transition and transformation for the second element 'water'
27. One shall have a pause here and have a fresh look at the set ups of 4-space content.

29. One shall concentrate as to how the features of 4-space content (second element water) from those of 5-space content (third element fire).

VMS & T Text Book Class X

(4-space)

Second Semester

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I

Hyper solids

1. Individual space content lump manifests as domain fold of hyper cube.
2. 3-space content lump manifests as domain fold of hyper cube 3.
3. 4-space content lump manifests as domain fold of hyper cube 4.
4. N-space content lump manifests as domain fold of hyper cube n.
5. Hyper cubes are four fold manifestation layers (n-2, n-1, n, n+1); a manifestation layer of order (n-2).
6. Hyper cube 3 is a four fold manifestation layer (1, 2, 3, 4); a linear order manifestation layer.
7. Synthesis of a pair of linear order manifestation layers is of value of solid order manifestation layer:
[(1, 2, 3, 4), (1, 2, 3, 4)] leads to [(3, 4, 5, 6)]
8. The pair of solid order manifestation layers lead to transcendence order manifestation layer format:
[(3, 4, 5, 6), (3, 4, 5, 6)] leads to [5, 6, 7, 8]

This reach for linear order manifestation layer to solid order value format to manifestation layers is of summation value $18 = 3 + 4 + 5 + 6$.
9. Further this manifestation layer format leads to synthesis value of transcendental (5-space) order format of summation value (26) = 5 + 6 + 7 + 8.
10. This reach of pair of artifices values (18, 26) fixes the in between value 22 of manifestation layer (4, 5, 6, 7) which is of a creative dimensional order manifesting format of hyper cube 6.
11. It is this feature which deserve to be comprehended well and to be appreciated fully for the complete imbibing of these values to have through insight about the solid order manifestation layer synthesizing transcendental (5-space) order manifestation layer and thereby thoroughly fixing the creative manifestation layer
12. This fixation feature of value to fully fix the middle layer makes hyper solid format.
13. This feature provides a reach from the given manifestation layer (3, 4, 5, 6) to the next manifestation layer (4, 5, 6, 7).
14. In other words this feature is of value which extends four fold manifestation layer (3, 4, 5, 6) into five fold transcendence range (3, 4, 5, 6, 7) as a synthetic set up of pair of consecutive manifestation layers (3, 4, 5, 6) and (4, 5, 6, 7).
15. With it hyper solid format may formally be defined as a hyper cube format which permits transition within its domain from a given manifestation layer format to the format of the next manifestation layer.
16. Therefore to fix the transcendental (5-space) manifestation layers (5, 6, 7, 8) need would be to have a synthetic set up of a pair of creative order manifestation layers, namely:
[(4, 5, 6, 7), (4, 5, 6, 7)] leading to [(6, 7, 8, 9)]
17. Here it would be relevant to note that the summation value (6+7 +8 +9) = 30 is parallel to the set up of 8 corner points, 12 edges 6 surfaces, 1 volume and 3 dimensions.
18. Of this set up of 30 components, 3-space content lump is only one component.

19. Remaining 29 components, as such become the basic set up for manifestation of 3-space content as domain fold of hyper cube 3.
20. With it artifice value 9 become the transcendental (5-space) order value getting fixed at transcendental (5-space) order manifestation format layer (5, 6, 7, 8) with summation value $5 + 6 + 7 + 8 = 26$ which as value of dimension fold leading to the manifestation layer (26, 27, 28, 29).
21. One shall have a pause here and have a fresh look at the above features particularly as that artifice value 9 in the context being the value of the origin fold of manifestation layer (26, 27, 28, 29) with artifice value 26 as the summation value of unity state layer / hyper cube 7 being of transcendental (5-space) order.
22. It may be relevant to note that Vedic Systems have fully imbibed the value of artifice 29.
23. Samved samhita is of the range of 29 archiks अर्चिक
24. TCV (अर्चिक) = $2 + 2 + 2 + 2 + 2 = 10 = 0 + 1 + 2 + 3 + 4 = 1 + 2 + 3 + 4 = 2 \times 5$.
25. These features of TCV value of formulation (अर्चिक), in itself brings to focus as to how the format of hyper cube 5 with domain boundary ratio $A^5:10B^4$ and as that transcendental (5-space) domain is enveloped within creative boundary, which is of the format and features of 5-space content providing base for formatting creative space (4-space) content.
26. Here it would be relevant to note that the manifestation layer (4, 5, 6) plays its role with pole star / 7-space as origin fountaining transcendental (5-space) order as a base for the creative order (4-space) of the space content of (6-space) / Sun.
27. It would be blissful to recapitulate that hyper cube is of a four folds format. This makes it a four folds manifestation layer. Synthesis of a pair of manifestation layers of hyper cube lead to hyper solid format value, which itself is a four fold manifestation layer. As such, the synthesis value of manifestation layers further synthesizes itself into transcendence feature within hyper solid domain of unfolding format for its origin fold.
28. This unfolding format is of 'hyper sphere set up permitting origin sphere unfolding inner origin sphere and thereby making a sequential chase for compactification called of whole range of origins (spheres).
29. The compactification called of origins spheres, as such becomes the transcendence flow path of ad-infinitum range parallel to the ad-infinitum range of inner spheres.

II

Transcendental (5-space) base

1. Transcendental (5-space) base of manifested four fold creations, as such does not mark its presence in the manifested forms but never the less remains ever present as base format.
2. One way to mark its presence is as 'space' within which 'the things' / bodies exist.
3. Transcendental (5-space) base, as 5-space content lump is of solid dimensional order and 5-space content lump manifests as domain fold of hyper cube 5 as a four fold manifestation layer (3, 4, 5, 6)
4. The creative (4-space boundary) of transcendental (5-space) domain, as such brings to focus that the transcendental (5-space) base marks its presence within the creative origin itself.
5. It is this feature of the transcendental (5-space) base of creative (4-space) origin which deserve to be comprehended fully as with its appreciation it would be imbibed as that there is a compactification of origin manifesting as a compactification cord sequentially progressing inward as that every inward step there emerges a 'base' for the previous steps.
6. The transcendental (5-space) base in a way is a compactification note along origins compactification cord.
7. These origins, compactification, knots along compactification cord make transcendence at the origin fold being of phased sequential steps, unfolding only 1 at a time.
8. This feature marks its presence in the role of origins of dimensional frames.
9. The origin of three dimensional frame is a seat of spatial order 4-space.
10. The origin of a four dimensional frame is a seat of solid order 5-space.
11. Likewise the origin of n dimensional frame is a seat of (n+1) space of (n-2) order.
12. It is because of the transcendental (5-space) base manifesting as compactification called knot, distinctively attains transition for four fold manifestation layer into five fold transcendence range.
13. As such for the format, features, values and virtues of transcendental (5-space) base, we have to chase spatial order format (of 2-space) / square / n x n grid / matrix format for value n = 3 which provides us sequential organization as:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

14. The summation value of above 25 values comes to be 125 and thereby there has been a sequential reach from value '5' to 5 x 5 to 5 x 5 x 5.
15. One may have a pause here and take note that value '5' accept organization as $5 = 2 \times 2 + 1$ which is parallel to five geometries range of 2-space / five versions of hyper cube 2 / square.
16. Further here it also would be relevant to note that 1^3 as 1 cube leads to a set up of 27 components (of 8 corner points, 12 edges, 6 surface, 1 volume).

17. A step ahead $2^3 = 8$ cubes leads to $8 \times 27 = 6^3$ value. However the synthesis of 8 cubes as a cube leads to 125 components i.e. 5^3 components.
18. One may have a pause here and take note that NVF (transcendence) = 125, that way brings us face to face as to how the transcendence at the 4-space origin of spatial order takes to transcendental (5-space) base of solid order.
19. One shall revisit the transcendental (5-space) base of creative (4-space) origin and chase the transcendence at origin and to reach at the transcendental (5-space) base and glimpse the structural transition and transformation in the process with the help of fixation of 4-space point in terms of 8 cubes and taking a step forward along the compactification called of 4-space as origin fold of manifested creation.
20. One may have a pause here and take note that the above chase deserve to be taken along all the manifestation creation formats of four folds within creator's space (4-space) along the format of Idol of Lord Brahma.
21. Linear domain manifestation layer (-1, 0, 1, 2) has (3) as transcendental base. It would be a blissful exercise to have chase of transcendence at (2-space as origin) uptill 3-space as its transcendental base.
22. Spatial domain manifestation layer (0, 1, 2, 3) has (4) as transcendental base. It would be a blissful exercise to have chase of transcendence at (3-space as origin) uptill 4-space as its transcendental base.
23. Solid domain manifestation layer (1, 2, 3, 4) has (5) as transcendental base. It would be a blissful exercise to have chase of transcendence at (4-space as origin) uptill 5-space as its transcendental base.
24. Creative domain manifestation layer (2, 3, 4, 5) has (6) as transcendental base. It would be a blissful exercise to have chase of transcendence at (5-space as origin) uptill 6-space as its transcendental base.
25. Transcendental domain manifestation layer (3, 4, 5, 6) has (7) as transcendental base. It would be a blissful exercise to have chase of transcendence at (6-space as origin) uptill 7-space as its transcendental base.
26. Self referral domain manifestation layer (4, 5, 6, 7) has (8) as transcendental base. It would be a blissful exercise to have chase of transcendence at (7-space as origin) uptill 8-space as its transcendental base.
27. Unity domain manifestation layer (5, 6, 7, 8) has (9) as transcendental base. It would be a blissful exercise to have chase of transcendence at (8-space as origin) uptill 9-space as its transcendental base.
28. Eight fold nature domain manifestation layer (6, 7, 8, 9) has (10) as transcendental base. It would be a blissful exercise to have chase of transcendence at (9-space as origin) uptill 10-space as its transcendental base.
29. Nine fold Brahman domain manifestation layer (7, 8, 9, 10) has (11) as transcendental base. It would be a blissful exercise to have chase of transcendence at (10-space as origin) uptill 11-space as its transcendental base.

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III

Self referral (6-space) format

1. The permissibility of split of a three dimensional frame into a pair of three dimensional frames of half dimensions makes the organization of three dimensional frame as a set up of a self referral (6-space) features as its first part being replica of the other part.
2. This feature of the set up of a three dimensional frame is there because of its spatial order origin.
3. It is because of the spatial order of the origin that parallel to the organization features $4 = 2 + 2 = 2 \times 2 = (-2) \times (-2)$ the organization of synthetic set up of three dimensional frame as a pair of three dimensional frames makes the pair of three dimensional frames as a pair of replica of each other
4. The synthetic set up of a three dimensional frame, as such emerges to be parallel to the organization of feature of triple artifices (3, 4, 3).
5. This further goes parallel to the organization of the split of a sphere into a pair of hemi-spheres; northern hemisphere, center, southern hemisphere.
6. This split being because of a spatial order of the origin, the same that way is the organization of creative (4-space) Mathematics of 2 as 1 and 1 as 2 units.
7. Vedic Systems accept artifice value 17 for northern hemisphere parallel to 17 samas flow through Sun along 7 streams from core of the Sun having its placement at the middle / center of the pair of hemispheres.
8. Sun as 6-space of creative (4-space) dimensional order is of format of hyper cube 6 with $6 \times 4 = 24$ coordinates for each of the point of 6-space (self referral (6-space) domain).
9. These 24 coordinates values manifests 7 streams for flow of 17 samas.
10. With it 17 as a value of the center of northern hemisphere and 24 as value of Sun, the range in between is of values range (18, 19, 20, 21, 22, 23), this six steps long self referral (6-space) range is of summation value $18 + 19 + 20 + 21 + 22 + 23 = 123$ which is parallel to NVF (Circumference).
11. One may have a pause here and take note that cube and sphere a pair of representative regular bodies of 3-space with common domain boundary ratio $A^3:6B^2$.
12. Further it would be relevant to note that in case of a sphere this ratio as of volume and surface area is of ratio $1/6 A^3:B^2$
13. The glaring feature is that in case of a cube its boundary splits into six parts, while in case of a sphere the same domains integrated whole and its domain permits split into six parts.

..... to be continued

IV

Unity State

Creator and Creations

1. Vedic Systems accepts Lord Brahma as the creator the Supreme.
2. The creation format is of the features of Idol of Lord Brahma.
3. The prominent features of Idol of Lord Brahma are that:
 - i. Lord Brahma is a four head lord.
 - ii. Each head of Lord Brahma is equipped with a pair of eyes.
 - iii. Lord Brahma sits gracefully upon the lotus seat of eight petals.
 - iv. Within cavity of heart of Lord Brahma is the seat of Lord Shiv, five head transcendental (5-space) lord
 - v. Lord Brahma meditates within his cavity of his own heart upon Lord Shiv and with the grace of transcendental (5-space) lord, Lord Brahma multiplies as 10 Brahmas.
4. These features of Idol of Lord Brahma are parallel to the manifestation features of hyper cube 4, as much as that:
 - i. Four heads of Lord Brahma are parallel to four dimensions of hyper cube 4.
 - ii. Pair of eyes in each head of Lord Brahma are parallel to spatial order of dimensions of hyper cube 4.
 - iii. Lotus seat of eight petals is parallel to eight components of solid boundary of hyper cube 4.
 - iv. Seat of Lord Shiv, five head transcendental (5-space) lord within cavity of heart of Lord Brahma is parallel to 5-space as origin fold of hyper cube 4.
 - v. Lord Brahma multiplies as ten Brahmas by meditating within cavity of his own heart upon Lord Shiv, five head transcendental (5-space) lord, which is parallel to 5-space playing the role of origin of hyper cube 4 and there being permissibility of transcendence at origin which leads to transition from the format of hyper cube 4 to format of hyper cube 5 of domain boundary ratio $A^5:10B^4$.
5. With it, Lord Brahma acquires his role as creator being of the format values range parallel to $10 \times 8 = 80$ cubes coverage for all the ten creative boundary components of transcendental (5-space) domain.
6. Further the creation features range becomes parallel to $8 \times 10 = 80$ cubes set up as above plus five cubes / solids contribution by five solid dimensions frame for transcendental (5-space) domain and thereby making it to be a full range of 85 cubes, parallel to 85 Anuwaks of Rigved.
7. One may have a pause here and have a fresh look at the above expression ranges of creative order (4-space as dimension) manifesting as creative boundary of transcendental (5-space) domain and as creative dimensional order of self referral (6-space) domain with unity state (7-space) as its origin.
8. It would be blissful to re-chase transcendental (5-space) base for manifested creations.
9. It would further be very blissful to chase transcendence through manifested creations to their transcendental (5-space) base.
10. It still further be very blissful to chase pole star (7-space) fountaining transcendental (5-space) black matter providing base for manifestation of creative order content fountained by Sun (6-space).

11. One may have a pause here and take note that the manifested creations along black matter base are of the format and features of 'half black' features and values.
12. It is this feature of being 'half black' format, whose comprehension appreciation and imbibing would help acquire insight about the porous nature of 4-space, Sunlight being 'half black' and that linear domains are of reverse orientation order.
13. This organization of pair of direct and reverse orientations being simultaneous available deserve to be chased.
14. This chase is going to be of the reach of 'middle' / 'center' / 'origin' being fixed and carried in a neutralized state as a structured point providing track for the transcendental (5-space) black matter flow as a zero value envelope for linear domain
15. The emerging triple value (-1, 0, +1) and its, of its own extension as (-1, -0, 0, +0, +1), with middle triple (-0, 0, +0) with its own middle (0) as neutralized state 0 would be the reach, which deserve to be comprehended fully for its through appreciation and complete imbibing to have full insight about creation and the creator
16. The sequential formats of hyper cube, hyper solid and hyper sphere will help unfold the features of creations and of the creator
17. The reach uptill eight fold nature and parallel format of hyper cube 8 as four fold manifestation layer (6, 7, 8, 9) with summation value $(6 + 7 + 8 + 9) = 30$ parallel to the set up of 8 corner points, 12 edges, 6 surfaces, 1 volume and 3 dimensions shall be further providing us insight about the creations.
18. Of these 30 components set up of 8 corner points, 12 edges, 6 surfaces, 1 volume and 3 dimensions, the volume is only 1 component and remaining 29 components are the manifestation base for the domain fold manifestation as 3-space content lump.
19. Artifice value 29 parallel to above referred 29 components set up for manifestation of 3-space content lump deserve to be chased as Avakato-Avakatat (अव्यक्तो अव्यक्तात्) / Sanatana (सनातनः), the eternal base of unmanifest; 5-space content set up.
20. Artifice 29 accept re-organization as $16 + 13 = 29$, which further permits re-organization as $(5 + 6 + 5) + (4 + 5 + 4)$.
21. The organization (16+ 13) is parallel to the organization of 16 Ganita Sutras and 13 Ganita Upsutras.
22. The chase of creation and the creator in terms of the working rules of Ganita Sutras and Upsutras will fulfill wisdom with Enlightenment.
23. For **First** reach step in this directions shall be to reach at hyper cubes formats with the help of Ganita Sutras and Upsutras.
24. **Second** reach step would be to reach at hyper solids formats with the help of Ganita Sutras and Upsutras.
25. **Third** sequential step of this enlightenment reach would be at format of hyper spheres for the origin folds.
26. **Fourth** attainment steps would be to work out transition from one manifestation layer to next manifestation layer by following the transcendence process.
27. **Fifth** reach step is going to be in the form of settlement of transcendental (5-space) carriers path for carrying black matter to fulfill the solar universe.
28. And **Final** reach step would be to be parallel to the process of creative manifestations along the black matter base within solar universe.

VI

Transcendence Phenomenon

1. Transcendence Phenomenon attains transition from given manifestation layer format to the next manifestation format.
2. Manifestation format is a four fold format while the transcendence format is a five fold format.
3. Four fold format is of four folds set ups namely of dimension fold, boundary fold, domain fold and origin fold.
4. The origin fold being the four fold, the same as such is of spatial order features.
5. This spatial order feature provides grid format parallel to the set ups of rows and columns of square format.
6. The manifestation format as such becomes the creation format of 4 x 4 format and the transcendence format, as such becomes 5 x 5 format.
7. The 4 x 4 creation format is of the organization features:

12	3	4
23	4	5
34	5	6
45	6	7

8. The transcendence format is of the features

12	3	4	5
23	4	5	6
34	5	6	7
45	6	7	8
56	7	8	9

9. The 5 x 5 transcendence format as a set up of 5 transcendental (5-space) rows and 5 transcendental (5-space) columns, that way becomes a set up of 5 transcendence ranges rows and 5 transcendence ranges columns.
10. The transcendence row range row (1, 2, 3, 4, 5) is a set up of a pair of consecutive creation rows (1, 2, 3, 4) and (2, 3, 4, 5), this way along each transcendence range row there emerges a transition from the creation / manifestation layer (1, 2, 3, 4) to the next creation / manifestation layer (2, 3, 4, 5).
11. As such 5 x 5 transcendence format is a sequential step of 5 transitions steps namely (i) transition from (1, 2, 3, 4) to (2, 3, 4, 5) (ii) From (2, 3, 4, 5) to (3, 4, 5, 6) (iii) from (3, 4, 5, 6) to (4, 5, 6, 7) (iv) From (4, 5, 6, 7) to (5, 6, 7, 8) and from (v) (5, 6, 7, 8) to (6, 7, 8, 9).

12. Here it would be relevant to note that hyper cube 4 accepts 9 versions parallel to 9 geometries range of 4-space.
13. It would further be relevant to note that numeral 5 is of middle placement of 9 numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9).
14. Still further it also would be relevant to note that four fold creation / four fold manifestation layer (1, 2, 3, 4) accepts transition into five fold transcendence range (0, 1, 2, 3, 4) with retaining summation value $1 + 2 + 3 + 4 = 10 = 0 + 1 + 2 + 3 + 4$.
15. Still further it also would be relevant to note that ten points lead to 9 linear units.
16. Still further it also would be relevant to note that while 4-space has 9 geometries range, the creative boundary of 5-space is of ten components.
17. One may have a pause here and to revisit the above features and to comprehend these features leading to a transition from the set up of hyper cube 4 to the set up of hyper cube 5.
18. Still further, it would be blissful to be face to face the transcendental (5-space) Phenomenon that Lord Brahma sits gracefully on lotus seat and meditates within the cavity of his own heart upon Lord Shiv and with the grace of transcendental lord, Lord Brahma multiplies as ten Brahmas in Shiv lok.
19. This transition from creative 4-space to transcendental (5-space) deserve to be comprehended fully for its complete appreciation to have its full imbibing to acquire through insight about this transcendence Phenomenon.
20. It would be a very blissful exercise to reach at transcendence from the manifestation layer (2, 3, 4, 5) to transcendence range (2, 3, 4, 5, 6).
21. It would be the Phenomenon of transcendence from transcendental (5-space) to self referral (6-space).
22. One may have a pause here and take note that hyper cube 5 has 11 versions parallel to 11 geometries of 5-space while the transcendental (5-space) boundary of self referral (6-space) domain / hyper cube 6 is of 12 components.
23. It would be relevant to note that this transcendence Phenomenon is of the format and features of transcendence from the format of hyper cube 5 to the format of hyper cube 6.
24. A step ahead it would be a blissful exercise to have transcendence from the manifestation layers (4, 5, 6, 7) by extending it as a transcendence range (4, 5, 6, 7, 8).
25. This transcendence would be of the format and values of transcendence from the format of hyper cube 6 to the format of hyper cube 7.
26. One may have a pause here and take note that hyper cube 6 is having 13 versions parallel to 13 geometries range of 6-space while the self referral (6-space) boundary of unity state (7-space) is of 14 components.
27. A still further transcendence from the format of hyper cube 7 to hyper cube 8 would be of the format and features of extension of four fold manifestation layer (5, 6, 7, 8) to transcendence range (5, 6, 7, 8, 9).
28. Here it would be relevant to note that hyper cube 7 is of 15 versions while the unity state boundary of natural state set up of hyper cube 8 is of 16 components.
29. Still further it also would be relevant to note that the transition from the format of hyper cube 8 to the format of hyper cube 9 is attainable by extension of four fold manifestation layer format (6, 7, 8, 9) into five fold transcendence range (6, 7, 8, 9, 10).

Along Sun Rays

1. Vedic Systems organize themselves parallel to flow along Rays of Sun.
2. The basic conceptual terms which needs be chased for its format, features, values and virtues is 'रश्मिनुसारी:'.
3. This formulation avails basic conceptual formulation: रश्मिः.
4. The connected formulations which as well need be chased along with above conceptual term are (i) सूर्यः Surya, (ii) प्रकाशः Parkash (iii) ज्योतिः Jyoti (iv) कृष्ण द्वैपायनः Krishan Dwaypan (v) व्यासः Vyas (vi) वेद व्यासः Ved Vyas (vii) आर्चिकः Archik (viii) ऋक् Rik (ix) यजुं Yajur (x) साम Sam (xi) अथर्व Atharav.

1. Vedic systems chase is initiated along real 4-space format and the same is designated as Creator's space and same is presided over by Lord Brahma, four head lord equipped with a pair of eyes on each head sits gracefully on the lotus seat of eight petals and blissfully meditates within cavity of his own heart wherein is the seat of Transcendental lord (Lord Shiv, five head lord with three eyes in each head)
2. The above format and features of Idol of Lord Brahma are parallel to the format of features of hyper cube 4 which accepts four dimensions parallel to four heads, spatial dimensions parallel to pair of eyes of each head, solid boundary of eight components parallel to lotus seat of eight petals and 5-space in the role of origin parallel to there being a seat of Transcendental lord (Lord Shiv, 5 head lord with three eyes in each head) within cavity of the heart of Lord Brahma.
3. The scriptures further preserve the enlightenment as that the Lord Brahma with grace of Transcendental Lord multiplies as ten Brahmas, which format and features wise is parallel to hyper cube 5 accepting creative boundary (4-space in the role of boundary of ten components).
4. With it the above scriptural preservation also brings to focus the process of transition from the format of hyper cube 4 to that of the format of hyper cube 5 and this as such deserves to be comprehended well.
5. The Idol of Lord Brahma and parallel format of hyper cube 4 of features of a four fold manifestation layer (2, 3, 4, 5) / (2-space in the role of dimension, 3-space in the role of boundary, 4-space in the role of domain, 5-space in the role of origin), in a way is the format of manifested creations which because of solid order 5-space in the role of origin becomes of the Transcendental feature due to permissibility of Transcendence at the origin fold.
6. This Transcendental feature because of Transcendence and at the origin fold, as such responsible for the transition from the existing set up of the manifestation layer to the next manifestation layer.
7. This phenomenon of a manifestation layer transiting and transforming into next order manifestation layer being the process in continuity of creations manifesting along four fold format, in a way amounts to having the potentialities to extend the four fold manifestation formatting set up into a five fold manifestation format as a synthesis of a pair of four fold manifestation layers.
8. As such the chase along the format of real 4-space, that way shall be not only focusing upon the four fold manifestation format but also upon five fold manifestation format.
9. This in a way would amount to the chase along 4 space format to be of two phases, first of which would be to avail only first four folds and it is only during second phase of chase that all the five folds set up are to be availed.
10. The spatial order set up (2-space in the role of dimension) because of the availability of pair of axes shall be having the privilege of chase of manifestation layers along its both axes, distinctively as well as simultaneously.

11. This distinctive chase feature for pair of axes of the spatial dimensional fold shall be taken as that while along the first axes the chase attainment comes to be of the format and features of the linear order manifestation layer (1, 2, 3, 4) of hyper cube 3, while along the second axis where the existence of first axis can be presumed, as such shall be of the format and features of chase of the manifestation layer (2, 3, 4, 5), of hyper cube 4
12. However in case of simultaneous chase along pair of axis as distinct chase formats as well as along the format of simultaneous availability of both the axes, which would be like 'lines and surfaces' within surfaces
13. The reach of pair of Transcendence ranges (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6), as such, as well would become the subject matter of chase to have proper insight about the functional systems of real 4-space.
14. The different roles of 4-space shall be sequentially finding their expression along 4 x 4, 5 x 5 and 6 x 6 format as under:

4 x 4 format for values of different roles of 4-space

1	2	3	4=10	
2	3	4	5=14	
3	4	5	6=18	
4	5	6	7=22	=64 = 8x 8

15. 5 x 5 format for values of different roles of 4-space

0	1	2	3	4=10
1	2	3	4	5=15
2	3	4	5	6=20
3	4	5	6	7=25
4	5	6	7	8=30=100=10x10

16. 6 x 6 format for values of different roles of 4-space

-1	0	1	2	3	4=09
0	1	2	3	4	5=15
1	2	3	4	5	6=21
2	3	4	5	6	7=27
3	4	5	6	7	8=33
4	5	6	7	8	9=39=144= 12 x 12

17. The above feature of 4-space which for its different roles along 1 x 1 format of total value 4 = 2 x 2, along 2 x 2 format of total value 16 = 4 x 4, along 3 x 3 format of total value 36 = 6 x 6, along 4 x 4 format of total value 64 = 8 x 8, along 5 x 5 format of total value 100 = 10 x 10, along 6 x 6 format of total value 144 = 12 x 12 and so on deserves to be chased for comprehension of its format and features to chase its pure and applied values.

18. The general formulation as that along $n \times n$ format, the total value comes to be $(2n)^2$ for all values of $N = 1, 2, 3, 4, 5, \dots$.
19. Here it would be relevant to note that domain boundary ratio of hyper cube n accepts the formulation $A^n: 2n B^{n-1}$ and as such $(2n)^2$ as summation value for the n roles of 4-space along $n \times n$ format amounts to parallel to the square values for the boundaries of 'unit hyper cubes' as that domain boundary ratio in case of unit hyper cubes shall be the set ups of a $A=1$ and $B=1$ and the formulation would be $1^n:2n \times 1^{n-1}$ i.e. $1 : 2n$ for all values of $n = 1, 2, 3, 4, 5, 6, \dots$.
20. One may have a pause here and revisit the setup of hyper cube 4 and in the above formulation $1:2n$ for $n=4$ shall be taking us to the formulation value $1:8$ which permits re-organization as $1^3 : 2^3$
21. One may have a pause here and take note that artifices pair $1^3, 2^3$ is of the values and formats of consecutive cubes
22. One may further have a pause here and have a fresh look at the set up of hyper cube 4 with focus upon its solid boundary of eight components and chase synthesis values of synthesis of 1 to 8 number of solid dimensions
23. It shall be bringing us face to face the range of dimensional synthesis values of solid order of 1 to 8 dimensions reach being $(3, 5, 6, 6, 5, 3, 0, -4)$
24. One may have a pause here and take note that dimensional synthesis values of 8 solid dimensions comes to be (-4) , which otherwise is of absolute value (4) parallel to the absolute value of $(+4)$
25. Further It would be relevant to note that the 8 steps long values range of 0 to 7 number of solid dimensions comes to be $(0, 3, 5, 6, 6, 5, 3, 0)$ which is of parabolic format
26. One may further have a pause here and have a fresh look at the set up of domain fold of hyper cube 4 with focus upon the degree of freedom of motion of hyper cube 3 / a 12 edged cube manifesting its degree of freedom of motion as 13th edge and thereby transiting and transforming from 12 edged set up to 13 edged set up
27. This shall be bringing us face to face with the format and features of 13 edged cube as of the format and features of hyper cube 4 swapping domain fold of hyper cube 4 along one of the axis of one of the spatial dimension of four dimensional frame of 4-space
28. One may further have a pause and have a fresh visit to the set up of the origin fold of hyper cube 4 being the seat of solid order Transcendental domain (5-space) accepting 3-space in the role of its dimension and 5-space itself playing the role of origin of 4-space
29. Here it would be relevant to note that artifices triple $(1, 3, 5)$ is parallel to the organization of the dimensional order of 5-space which accepts 3-space as in the role of its dimension and 1-space in the role of its dimension of dimension

30. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse the set up of hyper cube 4 accepting solid boundary of 8 components enveloping domain fold within which at its center is the seat of Transcendental domain in the role of origin and further as that within this domain 12 edged cube as a degree of freedom of motion along axis of the spatial order which manifests as 13th edge and that $13 \times 8 = 104$ value parallel to the set up of a 13 edged cubes to provide exhaustive coverage of the set up.
31. Here It would be relevant to note that solid boundary of hyper cube 4 as a set up of eight cubes and Transcendental origin of hyper cube 4 as 5-space of solid dimensional order (3-space in the role of dimension) with super imposition of solid dimensional value (3) upon Transcendental value (5) as total summation value $3 + 5 = 8$ and still further cube permitting its split into 8 sub cubes, that way shall be making available a range of 8 solid dimensions at origin, within domain, as well as within boundary.
32. Still further It would be relevant to note that three points fixation of a line and $8 + 8 + 8 = 24 = 6 \times 4$ and further the domain swapping value $13 \times 8 = 26 \times 4$ and $26 = 1 + 24 + 1$, shall be focusing upon 4-space in the role of dimension of 6-space and as that 6-space domain shall be permitting swapping in terms of $26 \times 4 = 104$ value of 4-space in the role of dimension of 6-space
33. One may further have a pause here and have a fresh visit to 4-space and manifestation of 4-space content as domain fold of hyper cube 4 with Transcendental origin (5-space in the role of origin) and to glimpse the Transcendence of creative matter (content of 4-space) transcending through solid order Transcendental origin and reaching at its base of self referral features of 6-space content
34. It would be relevant to note that creative matter (space content of 4-space) manifesting as domain fold of hyper cube 4 is of spatial dimensional order, while the origin of hyper cube 4 is of solid order and thereby Transcendence path leading uptill the creative base of self referral features (6-space with 4-space in the role of its dimension), is to sequentially transit from solid order to ultimately transform as hyper solid / creative order
35. The transition for the spatial order (2-space) in the role of dimension to creative order (4-space) in the role of dimension by transcending through the intermediary phase and stage of solid order (3-space as dimension) deserves to be chased smoothly and in gentle steps as in the process the linear dimensional frame of three dimensions of 3-space is to de-synthesized itself as a pair of three dimensional frames of half dimension of linear order.
36. The synthesis of a pair of a three dimensional frame of half dimension of linear orders into a three dimensional frame of full dimensions of linear order and the reverse process of de-synthesis of a three dimensional frame into a pair of three dimensional frame of half dimensions deserves to be chased with a focus upon the origin of three dimensional frame which is a setup of a spatial dimensional order.
37. Further in the context, it also would be relevant to note that in all the eight corners of the cube are manifesting three dimensional frames of half dimensions and this set up of eight dimensional frames

stand coordinated as quadruple pairs of dimensional frames coordinated in terms of four internal diagonals of cube.

38. This coordination of the set up of eight dimensional frames imbedded into 8 corners of the cube with their coordination as quadruple pairs along four internal diagonals of the cube, as such bring to focus these internal diagonals coordinating dimensional frames, infact manifest the translation path for coordinated pair of dimensional frames.
39. The translation of pair of dimensional frame along diagonal translation path with the reach of their origin points (corner points of the cube) being the end points of the diagonal at the center of the cube, shall be amounting to having reversal of orientation for the axes of the pair of dimensional frames in translation.
40. This phenomenon of reversal of orientation for axes of a three dimensional frame with reach of the dimensional frame at its reach at center deserves to be comprehended well and the same to be fully appreciated for its complete imbibing to attain through insight as this feature of reversal of orientations for the axes of the dimensional frames embedded in corners of cube is there because of the spatial order of the origin of 3-space with seat at center of the cube and the base of this origin seat being of a solid order.
41. One may again have a pause here and take note that four internal diagonals of the cube coordinating corners of the cube in pairs together with three linear axes of 3-space coordinating centers of 6 surface plates, make out a set up of 7 linear dimensions meeting at center of the cube / origin of 3-space which is of a spatial order.
42. This coordination of 7 linear dimensions at center of the cube being seat of a spatial order and spatial order being of the feature that in its synthesis format there get super imposition of not only of addition and multiplication operation but also of orientations as $2 + 2 = 2 \times 2 = (-2) \times (-2)$, and as such the set up of seven linear dimensions also shall be leading to the set up of negative linear dimensions.
43. One may have a pause here and take note that the artifices pair (-7, -5) is parallel to the dimension fold, domain fold format which in opposite orientation is to be 5 x 5
44. It is this feature which as well deserves to be fully comprehended as set up of seven negative linear dimensions shall be manifesting Transcendental domain of value -5 which is equal to absolute value '5'.
45. Still further it also would be relevant to note that while quadruple three pair of three dimensional frame of half dimensions embedded in corner points of the cube, on their translation in pairs along the four internal diagonals shall be synthesizing a set up of four three dimensional frame of full dimensions which together with the three dimensional frame embedded at the center of the cube, that way shall be making a set of five three dimensional frame which together shall be constituting a solid dimensional frame of 5 dimensions for the Transcendental domain (5-space).

46. One may have a pause here and take note that the set up of the cube within 4-space as solid dimensional order unfolds a solid dimensional frame of 5 dimensions for the Transcendental domain (5-space) having its seat at origin of 4-space.
47. One may further have a pause here and take note that cube within hyper cube 4 unfolding a set of five three dimensional frames and thereby there being a set of five origin seats of creative order (4-space in the role of origin of 3-space), together with the availability of another set up of 4-space in the forum of hyper cube 4 within which cube is unfolding a set of five three dimensional frames, makes it the availability of a set of 6 creative orders shall be manifesting creative dimensional frame (4-space in the role of dimension) of 6 dimensions of self referral space (6-space)
48. One may further have a pause here and take note that the structural set up of cube enveloped within spatial boundary of 6 components (6 surface plates) within 4-space shall be playing the role of dimensions of dimensions of creative dimensional order of creative dimensional frame of 6 dimensions of self referral space (6-space)
49. One may further have a pause here and take note that 6 surface plates in the role of spatial dimension shall be sequentially synthesizing values for single, double, triple, quadruple, penta and hexa numbers of spatial dimensions synthesis values range (2, 4, 6, 8, 10, 12), while 6 creative dimensions (4-space in the role of dimension shall be sequentially synthesizing and working out dimensional synthesis values range of single, double, triple, quadruple, penta and hexa numbers of dimensions as (4, 6, 6, 4, 0, -6)
50. Further it also would be relevant to note that cube (within hyper cube 4) / 3-space within 4-space shall be unfolding a full range of 7 geometries of 3-space parallel to 7 versions of cube (i) cube with all the six surface plates intact (ii) cube with five surface plates intact (iii) cube with four surface plates intact (iv) cube with three surface plates intact (v) cube with two surface plates intact (vi) cube with one surface plates intact (vii) cube zero four surface plates intact
51. As such the set of seven geometries of 3-space and parallel to seven versions of cube with '6, 5, 4, 3, 2, 1, 0' surface plates intact shall be having a parallel dimensional synthesis values of spatial order (12, 10, 8, 6, 4, 2, 0)
52. Further the seven geometries range of 3-space, as such shall be a set up of 7 three dimensional frames which on sequential synthesis shall be leading to dimensional synthesis values range of solid dimensional order (3, 5, 6, 6, 5, 3, 0), which together with the zero state parallel to zero number of solid dimensions having zero dimensional synthesis values shall be extending the above seven steps long range as (0, 3, 5, 6, 6, 5, 3, 0)
53. Further it also would be relevant to note that $3 \times 7 = 21$ linear dimensions of whole range of 7 dimensional frames as such shall be leading to dimensional synthesis values of linear dimensions as '1, 3, 6, 10, 15, 21, 28, 35, 45, 55, 66, 78, 91, 105, 121, 138, 156, 175, 195, 216' of which attainment value $216 = 6 \times 6 \times 6$ as synthesis value of triple self referral dimensions (6-space in the role of dimension) shall be leading to dimensional synthesis value '6', the first perfect number

54. One may have a pause here and have a fresh look at the set up of hyper cube 4 and upon its features due to its spatial (2-space) dimensional order, solid (3-space) boundary, creative (4-space) domain and Transcendental (5-space) origin and self referral (6-space) base of the origin
55. The binary composition, bi-quadratic equations, artifice 4 as (1, 1, 1, 1) and as (1, 2, 3, 4) and as $4 = 2 + 2 = 2 \times 2 = (-2) \times (-2) = 2^2 = (-2)^2$, 4 x 4 matrix format deserves to be chased in the context of 4-space content, 4 dimensional frame and domain fold of 4-space, boundary fold of 5-space, dimension fold of 6-space and unity (7-space) state origin.
56. 9 versions of hyper cube 4 parallel to 9 geometries range of 4-space, dimensional synthesis range of 1 to 9 dimensions of creative order (4-space) in the role of dimension
57. Hyper cube 1 to 4 deserves to be chased as synthesizing a measuring rod of 4-space.
58. Hyper cube 4 deserves to be chased within hyper cube 4.
59. Hyper cube 4 deserves to be chased within cube.
60. Hyper cube 4 deserves to be chased within hyper cube 5.
61. The dimensional synthesis values of quadruple number of dimensions of all dimensional orders (--- 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, -2, -4, -6, ---) deserves to be chased.
62. The dimensional synthesis values of spatial (2-space) order for 1 to n number dimensions (2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ----) deserves to be chased.
63. The dimensional synthesis values of negative spatial (-2-space) order for 1 to n number dimensions (-2, 0, 6, 16, 30, 48, 70, 96, ---) deserves to be chased.
64. The dimensional synthesis values of negative spatial (-4-space) order for 1 to n number dimensions (-4, -2, 6, 20, 40, 66, 98, 136, 180, ---) deserves to be chased.
64. Chase of hyper cube 4 as
- (i) Quadruple (points, lines, surfaces, solids),
 - (ii) Triples (points, lines, surfaces)
 - (iii) Pairs (points, lines)
 - (iv) Singles (points)
- shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.
65. Chase of hyper cube 4 as
- (i) Binary operation

- (ii) Bi-quadratic equations
- (iii) 4 x 4 matrix format
- (iv) 4 arithmetic operations together with reflection operation

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

66. Chase of hyper cube 4 as

- (i) 2-space as dimension
- (ii) 3-space as boundary
- (iii) 4-space as domain
- (iv) 5-space as origin

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

67. Chase of hyper cube 4 as

- (i) artifice 4
- (ii) 4 place value system
- (iii) 4-space measuring rod
- (iv) 4-space content

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

68. Chase of 4-space as

- (i) 4-space as domain fold
- (ii) 4-space as dimension fold
- (iii) 4-space as boundary fold
- (iv) 4-space as origin fold

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

69. Chase of 4-space as interrelated with the set up of

- (i) 0-space (ii) 1-space
- (iii) 2-space (iv) 3-space

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

70. Chase of 4-space as manifestation format for idol of

- (i) Lord Brahma (ii) Lord Shiv
- (iii) Lord Vishnu (iv) Goddess

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

71. Chase of 4-space as manifestation layers

- (i) (0, 1, 2, 3) (ii) (1, 2, 3, 4)
- (iii) (2, 3, 4, 5) (iv) (3, 4, 5, 6)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

72. Chase of 4-space as porous space permitting transcendence and transformations of manifestation layers as transcendence ranges

- (i) (0, 1, 2, 3) as (0, 1, 2, 3, 4)
- (ii) (1, 2, 3, 4) as (1, 2, 3, 4, 5)
- (iii) (2, 3, 4, 5) as (2, 3, 4, 5, 6)
- (iv) (3, 4, 5, 6) as (3, 4, 5, 6, 7)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

73. Chase of 4-space as porous space permitting transcendence and transformations of manifestation layers as transcendence ranges and ahead as self referral ranges

- (i) (0, 1, 2, 3) as (0, 1, 2, 3, 4) and ahead as (0, 1, 2, 3, 4, 5)
- (ii) (1, 2, 3, 4) as (1, 2, 3, 4, 5) and ahead as (1, 2, 3, 4, 5, 6)
- (iii) (2, 3, 4, 5) as (2, 3, 4, 5, 6) and ahead as (2, 3, 4, 5, 6, 7)

(iv) (3, 4, 5, 6) as (3, 4, 5, 6, 7) and ahead as (3, 4, 5, 6, 7, 8)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

74. It further would be blissful to chase synthesis of a pair of consecutive manifestation layers as transcendence ranges:

(i) (0, 1, 2, 3) and (1, 2, 3, 4) as (0, 1, 2, 3, 4)

(ii) (1, 2, 3, 4) and (2, 3, 4, 5) as (1, 2, 3, 4, 5)

(iii) (2, 3, 4, 5) and (3, 4, 5, 6) as (2, 3, 4, 5, 6)

(iv) (3, 4, 5, 6) and (4, 5, 6, 7) as (3, 4, 5, 6, 7)

75. It further would be blissful to chase synthesis of a triple of consecutive manifestation layers as a pair of transcendence ranges:

(i) (0, 1, 2, 3), (1, 2, 3, 4) and (2, 3, 4, 5) as (a) (0, 1, 2, 3, 4) and

(b) (1, 2, 3, 4, 5)

(ii) (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) as (a) (1, 2, 3, 4, 5) and

(b) (2, 3, 4, 5, 6)

(iii) (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) as (a) (2, 3, 4, 5, 6) and

(b) (3, 4, 5, 6, 7)

(iv) (3, 4, 5, 6), (4, 5, 6, 7) and (5, 6, 7, 8) as (a) (3, 4, 5, 6, 7) and

(b) (4, 5, 6, 7, 8)

76. It further would be blissful to chase synthesis of a triple of consecutive manifestation layers as a pair of transcendence ranges, which synthesized as self referral ranges:

(i) (0, 1, 2, 3), (1, 2, 3, 4) and (2, 3, 4, 5) as (a) (0, 1, 2, 3, 4) and

(b) (1, 2, 3, 4, 5) which synthesized as a self referral range (0, 1, 2, 3, 4, 5)

(ii) (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) as (a) (1, 2, 3, 4, 5) and

(b) (2, 3, 4, 5, 6) which synthesized as a self referral range (1, 2, 3, 4, 5, 6)

(iii) (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) as (a) (2, 3, 4, 5, 6) and

(b) (3, 4, 5, 6, 7) which synthesized as a self referral range (2, 3, 4, 5, 6, 7)

(iv) (3, 4, 5, 6), (4, 5, 6, 7) and (5, 6, 7, 8) as (a) (3, 4, 5, 6, 7) and

(b) (4, 5, 6, 7, 8) which synthesized as a self referral range (3, 4, 5, 6, 7, 8)

77. It would be blissful to chase 4-space along the format of manifestation layer (24, 25, 26, 27) with 6 x 4 value as the value of the dimension fold (parallel to the measuring rod of 6-space with 4-space in the role of dimension) and 3 x 3 x 3 as value of the origin fold (parallel to triple solid dimensions settling the origin fold) whereby the other manifestation layers (n, n + 1, n + 2, n + 3), n = 1 to 23 would follow. And as such,
78. It would be blissful to chase manifestation layer (23, 24, 25, 26) within 4-space.
79. Further it would be blissful to chase manifestation layer (22, 23, 24, 25) within 4-space.
80. Further it would be blissful to chase manifestation layer (21, 22, 23, 24) within 4-space.
81. Further it would be blissful to chase manifestation layer (20, 21, 22, 23) within 4-space.
82. Further it would be blissful to chase manifestation layer (19, 20, 21, 22) within 4-space.
83. Further it would be blissful to chase manifestation layer (18, 19, 20, 21) within 4-space.
84. Further it would be blissful to chase manifestation layer (17, 18, 19, 20) within 4-space.
85. Further it would be blissful to chase manifestation layer (16, 17, 18, 19) within 4-space.
86. Further it would be blissful to chase manifestation layer (15, 16, 17, 18) within 4-space.
87. Further it would be blissful to chase manifestation layer (14, 15, 16, 17) within 4-space.
88. Further it would be blissful to chase manifestation layer (13, 14, 15, 16) within 4-space.
89. Further it would be blissful to chase manifestation layer (12, 13, 14, 15) within 4-space.
90. Further it would be blissful to chase manifestation layer (11, 12, 13, 14) within 4-space.
91. Further it would be blissful to chase manifestation layer (10, 11, 12, 13) within 4-space.
92. Further it would be blissful to chase manifestation layer (09, 10, 11, 12) within 4-space.
93. Further it would be blissful to chase manifestation layer (8, 9, 10, 11) within 4-space.
94. Further it would be blissful to chase manifestation layer (7, 8, 9, 10) within 4-space.
95. Further it would be blissful to chase manifestation layer (6, 7, 8, 9) within 4-space.
96. Further it would be blissful to chase manifestation layer (5, 6, 7, 8) within 4-space.
97. Further it would be blissful to chase manifestation layer (4, 5, 6, 7) within 4-space.

98. Further it would be blissful to chase manifestation layer (3, 4, 5, 6) within 4-space.

99. Further it would be blissful to chase manifestation layer (2, 3, 4, 5) within 4-space.

100. Further it would be blissful to chase manifestation layer (1, 2, 3, 4) within 4-space.



CREATOR THE SUPREME

ASPECT 1

PRESIDING DEITIES

I

GURU BRAHMA

[Four head Lord equipped with a pair of eyes in each head, sitting on a lotus seat of eight petals & meditating upon His Lord, Lord Shiv]

Sadhkas fulfilled with intensity of urge to glimpse the Brahman, sitting before the picture /idol of Lord Brahma, meditate & pray: Let Guru Brahma lead the flow of intensity of urge to transcend through the manifestation formats of creations and to permit the transcending mind to get fulfilled with ambrosia of bliss of inner folds of the transcendental worlds and to have privilege to glimpse the Brahman as the ultimate source reservoir of the features of creations and values of the Creator, the Supreme.

Sadhkas avail this opportunity for deep meditation and prayers for the intensity of urge to know to guide the transcending mind to avail the features and values of the IDOL of Lord Brahma as features and values of the manifestation formats of creations within creator's space presided by the Lord Brahma.

Sadhkas being of single head manifestation formats, parallel to head of Lord Brahma, they have to go through prolonged sittings of trans, time and again, as the transcendence is to be "quarter by quarter".

Sadhkas shall follow the Guru's path to meditate upon His Lord, in the cavity of his own heart, and to attain transcendence from the format of "a pair of eyes for the head" to the format of "triple eyes for the head", and also there being a simultaneous transcendence and transition from "a format of four heads with a pair of eyes to that of five heads with triple eyes for each head"

This meditation and prayer of the sadhkas, with the grace of Guru Brahma, shall be leading from creator's space to the transcendental worlds where Lord Ganesha, the Lord of Ganas shall be leading the transcending minds of sadhkas through the transcendental worlds.

With this, the sadhkas may prepare for, step 2, by making available for them the picture/ Idol of Lord Ganesh.

Note 1. Basic technical term jigyasha/urge to know

Shalok 1 of Brahm Sutra and Shalok 6.44 of

Srimad Bhagwat Geeta may be referred

II

LORD GANESHA

(LORD OF GANAS)

Guru Brahma settles the way & path for transcendence from His space to the transcendental worlds of Shiv Lok.

The followers of the way & path of transcendence are led by Lord Ganesha, the lord of Ganas.

Lord Ganesha, for the guidance of transcending minds sequentially accepts one, three, five and seven heads.

The sadhkas avail the privilege of the grace of transcendental forms accepted by Lord Ganesha and sequentially glimpse the inner folds of the transcendental worlds of Shiv Lok and get fulfilled with ambrosia of transcendental bliss.

For this privilege, Sadhkas sit before the *murati/ IDOL* of Lord Ganesha and permit their transcending minds to avail one by one the artifices of the twelve transcendental names of Lord Ganesha.

Scriptures preserve these transcendental names being:

- (1) sumukha (2) ekdanta (3) kapil
- (4) gaz karana (5) lambodra (6) vikat
- (7) vighan-nashna (8) vinayak
- (9) dhumarketu (10) gana-adhaksha (11) bhalchandra (12) gajjananna

To attain the order of the transcendental values of these twelve transcendental names of Lord Ganesha, Sadhkas shall faith fully avail the artifices of these names one by one, beginning with the first transcendental name, namely SUMUKHA (face with transcendental grace) and recite it for full one year during sittings of trans during the year, and like wise during twelve years of yajna, one shall be privileged to be fulfilled with the transcendental bliss of the order of the transcendental worlds.

This way, the attainments of the first year of Gyan yajna would be of the order of the transcendental values of the “transcendental grace of the face of Lord Ganesha”.

With it one shall be set on the path are UNITY STATE of consciousness of the order of Universe of Pole star, which is going to be step 3 of the yajna of this week of this quarter of this phase and stage of first year of Dwadash varsh Gyan Yajna in progress.

Note 2. pictorial depiction of different transcendental forms form forms of idols of Lord Ganesha may be collected.

III

UNITY STATE POLE STAR UNIVERSE

Pole Star universe is known as sapt - rishi lok (real 7- space).

Lord Ganesha by sequentially accepting one, three, five & seven heads flourishes the transcendental ways and paths through transcendental worlds which lead to the Pole-star Universe.

Pole-star Universe is the Universe of unity state of consciousness.

It is the ultimate seventh state of consciousness within which the whole range of manifestations formats go transcendental and give way for transcendence there from and as a result the transcending mind comes back to shelter of the Creator.

The sadhkas with glimpsing of the inner folds of the transcendental worlds get fulfilled with ambrosia of bliss of the transcendental worlds and there by attain mental format of spatial order for a fresh start from Creator's space. It is like approaching artifice "2 as 1".

In terms of it, one may appreciate four folds of four forms of Lord Ganesha accepting one, three, five & seven heads, as availing this value of the spatial order of the creator's space.

The transcendental gapes of four fold manifested steps of one, three, five & seven heads of Lord Ganesha, are three fold of artifices values 2,4 & 6 respectively being the gapes in between one head & three heads, three heads & five heads, and, five heads & seven heads respectively.

This feature amounts to providing spatial formats for "first axis, pair of first two axes and for all the three axes of the solid order of the transcendental worlds". The transcendental value of this feature is that it shall be providing artifice $2 \times 4 \times 6 = 48$ which when chased is to work out the hyper transcendental order which shall be taking up till the self referral boundary of Pole star Universe.

This 48 self referral domains of potentialities of providing boundary for the Pole star Universe which is chased as 48 phases and stages of the Gyan Yajna.

The flow of intensity of urge to know the Vedic way, as such deserves to be set for following these 48 phases and stages for attaining unity state of consciousness. With its attainment, one may be of the privileged state of glimpsing the whole range from Triloki to Brahman domain as a single transcendental existence Phenomenon. It would be a blissful unity state of the transcending mind as being of the order Pole star Universe enveloped by self referral boundary of dimensional order $2 \times 4 \times 6 = 48$ as is of the sun

Scriptures work out Universe of Pole star along the format of hypercube-7 with domain boundary ratio being $A^7: 14 B^6$. It is a format accepting 14 suns constituting boundary for saptrishi lok/Universe of Pole star.

Scriptures work out this setup in many ways, of which the two prominent are, firstly of 14 maheshwara sutras at secondly of 12 syllables mantra (Om namo bhagwate vasdey). These paths and ways are also known as the paths and ways of (1) Duwadas Lingum (twelve transcendental supports) and (2) Chatur das Bhuwans (fourteen self sustained domains)

With this, the sadhkas shall be in the following two steps shall be permitting flow for intensity of urge to know by having awareness of the above two ways and paths of approaching the Universe of Pole star as unity state of consciousness.

Note 3. Stage has reached when one shall start expressing One self as to how one feels his intensity of urge to know is flowing and the path and way it has started following.

IV

TWELVE TRANSCENDENTAL SUPPORTS

Within creator's space the transcendental boundary of sun manifests as twelve transcendental worlds. The format of this manifestation is known as hyper cube- 6 enveloped within boundary of twelve transcendental supports (Duwadas Lingum)

Scriptures enlighten about these Duwadas Lingum. For full transcendental values of these transcendental supports sadhkas go to the shelter of each transcendental support for one full year and like that attain transcendental order within twelve years.

The first Lingum/ transcendental support is designated and is known as “somnath”. As such during first year of Gyan Yajna we have to avail shelter of “Somnath Shiv Lingum”

Note 4. This and the following steps shall be focusing upon the geometric formats of hyper cubes 6 and 7 upon which are the Universes of sun and pole star. One shall comprehend thtellectually these formats very well.

Hyper cube 6 is of format $A^6: 12 B^5$. It is a representative regular body of Vishnu Lok/Sun/6-space

V

CHATUR DAS(14)BHUWANS FOURTEEN SELF SUSTAINED DOMAINS

Within creator’s space the self- referral boundary of sun manifests as fourteen self sustained domains. The format of this manifestation is known as hyper cube- 7 enveloped within boundary of fourteen self sustained domains (Chaturdas Bhuwans)

Scriptures enlighten about these Chaturdas Bhuwans. One day of Lord Brahma, creator the supreme is divided in to fouteen kalaps as existence phenomena within Chaturdas Bhuwans at the self referred the boundary of the Universe of Pole star (sapt-rishi Lok/ 7- space).

These fourteen Bhuwans at boundary of Universe of Pole star are of the format of fourteen maheshwara sutras beginning with swateshwara kalap/ first self sustained domain/ first Bhuvan/ first boundary component of the Universe of Pole star being of the format of first Maheswara sutra which coordinates first three vowels.

The eternity of the Universe of Pole star is attained by Dhruv by going to the shelter of self referral domain of sun by availing the artifices of twelve syllables mantra (Om Namho Bhagwate vasdeyay) of values of the order of dwadas lingum (twelve transcendental supports)

Note 5. This step focuses upon the geometric format of hyper cube 7 upon which is manifested the Universes of pole star. One shall comprehend thtellectually this format very well.

Hyper cube 7 is of format $A^7: 14 B^6$. It is a representative regular body of saptrishi Lok/ 7-space

*

ASPECT -2
KNOWLEDGE RANGE

I

AWARENESS OF KNOWLEDGE RANGE

1. This Gyan Yajna is of twelve years durations.
2. It has its beginning on 12-02-2006.
3. Previous six weeks (31-12-2005 onwards) were preparatory steps.
4. Of the six weeks, the period 31-12-2005 to 11-01-2006 has been the meditation period and there after 12-01-2006 to 11-02-2006 has been the prayers time.
5. The first two weeks of Yajna, that is, from 12-02-2006 to 18-02-2006 and from 19-02-2006 to 25-02-2006 are the awareness weeks of the Yajna.
6. The Yajna shall be on its transcendental path since the SHIV RATRI (26-02-2006). And, this way this transcendental performance for its completion shall be taking us up till 25-02-2018, the last day of prayers of this Gyan Yajna.
7. With beginning of the week (19-02-2006 to 25-02-2006, the Sadhkas are to be consciousness of their awareness of the knowledge range of the Yajna.
8. The end fruit of the Gyan Yajna is to be the perfection of intelligence chasing Vedic range of knowledge as impulse of consciousness riding the ativahikas / carriers within rays of the sun.
9. This Vedic range is of the order of 432000 akshars / syllables of Rigved samhita.
10. As such the Sadhka's awareness of range of knowledge is to begin as well as to end with the awareness of 'Rigved Samhita'

Note: - One shall start listing one's discussion points, far which soon there may be a forum. Till then, the same may be shared with the undersigned.

Note: - First step of second week is enclosed here with. The others to follow on tomorrow (18-02-2006)

II

AWARENESS OF KNOWLEDGE RANGE

1. Aim of the Yajna (Gyan Yajna) being the full knowledge of the Creator's space, accordingly the there as to be a full awareness about the Creations and the Creator.
2. Scriptures enlighten as that the Creator has accepted His age as of 432000 years, and as such the awareness range of the Sadhkas is to be of this order.
3. Scriptures further enlighten as that the range of Rigved Samhita is of 432000 akshras / syllables, and as such the awareness of knowledge range is to be of this order as that 'Rigved Samhita is the source scripture'

4. Scriptures still further enlighten as that deep breathing during a day by the Purusha is of 432000 counts and as such for full awareness one is simply to be aware and conscious of one's breathing.
5. Scriptures also enlighten as that the impulses avail the artifices of sole syllable (Om) to coordinate 432000 free particles (kana) as blocks (ganas) for riding ativahikas / carries within rays of the sun to follow the Sathapatiya paths accepting Lord Brahma as the presiding deity of the measures.
6. With this awareness of the range of knowledge accepting Sathapatiya measuring rod, Sadhkas set them self for Gyan Yagya with its destination of attainments to be of the order of vishnulok / atman / sun /six space / hypercube-6.

III

ORGANISATION FORMAT OF *RIGVED SAMHITA*

1. For full awareness of the range of knowledge, one is to go for awareness of the **Vishnulok / atman / sun /six space / hypercube-6**.
2. The expression range of this awareness is going to be of the order of 432000 syllables of **Rigved Samhita**.
3. The **Sadhka** is to permit the transcending mind to avail the artifices of the formulation "**Rik**" for unfolding "Trans Format" parallel to the "Organisation format of **Rigved Samhita**".
4. The formulation "**Rik**" is the "second **Maheshwra Sutra**".
5. With it, transcending mind shall start following the knowledge manifested along the "Organisation format of **Rigved Samhita**".
6. The first letter of the **samhita** text is the first vowel "**akara**".
7. In the sequence, the first letter of **Yajur-Ved (samhita)** is the second (elongated) vowel.
8. The first syllable of **Rigved Samhita** is "**ak**".
9. The formulation "**ak**" is be **pratihar** covering combined range of first as well as the second Maheshwra sutras.
10. Hare it may be of help to intensify the awareness of the Organisation formats of Samhitas, the trans formats and the ativahikas-marg (transcendental carriers paths within rays of the sun) by chasing the self referral features of the spatial order of the Creator's space which would help appreciate as to how the text formulations are manning-full simultaneously along both orientations. Illustratively, the formulation "**purvena**" of first ganita sutra, namely "eka-adhikena purvena" ,when is chased for the reversed orientation of the text "**purvena**", it shall be taking us to the basic structural key for un-locking the Organisation formats of Vedic texts along the functional formats of Maheshwra sutras and of **sarswati mantras**.
11. This awareness shall be leading to transcendental initiations for availing the transcendental format of hypercube-5 being the representative regular body of transcendental worlds of Shiv Lok (5-space).

12. It is by chasing the Organisation format of hypercube-5 whose boundary is constitute by as many as 10 hypercube-4, one shall be hearing required awareness about feature of **Rigved Samhita** being of 10 **mandals**. And, like that, for one to acquire full awareness of different features of the Organisation format of **Rigved Samhita**, one is to be acquainted well with the formats of reprehensive regular bodies of real 1-6 spaces coordinating the Sathapatiya measuring rod.

Note: - From the steps up till this stage, it may have brought to attention as that the focus of awareness of the range of knowledge is to be upon the geometric formats of real 1-6 spaces (hyper-cubes 1-6) for it some help may be had from my book “Vedic geometry” (1994) published by Arya book depot, Karol bagh, New Delhi. For those who are exposing them selves to Vedic geometric formats approach to Vedic systems, they may better form small groups with seniors and avail their knowledge, experience and library for in depth self study at intellectual and experiential levels.

Note : - 2

As has been mentioned by way of linking notes, the Gyan Yajna is to begin for its attainments from 26-02-2006, the ShivRatri (the transcendental night). These days up till that may be availed for awareness of the range of knowledge to be covered during this twelve years Yajna. From to-day till 25-02-2006, the Sadhkas may share with the undersigned about their awareness efforts and the way they would like interaction and help from the undersigned.

Note : - 3

The 26-02-2006 is the ShivRatri. This transcendental night is the most valuable moments which shall be availed for beginning of the Yajna. One shall learn all what one can about “ShivRatri” and try to come up to the expectations of it.

Note : - 4 Prepare your self well for it.

IV

PURUSHA FORMAT

1. The excellence of Vedic systems lies in Organisation of whole range of knowledge along Purusha format and with it the knowledge domain emerges being of the order of the impulses of consciousness of the Sadhkas.
2. As such, the first focus of the Sadhkas may be upon their understanding of their own formats, which, to began with may be approached as is the setup of their body, that is, “human body”.
3. This state is approached in terms of the “senses”, and as such, macro state of human body may be accepted as the “sensory field”.

4. From macro state of human body, one shall proceed to know its micro state; and like wise to cover the whole range of the states of human body, of which the prominent range is of “macro, micro, casual, transcendental, cosmic states”.
 5. Parallel to these states emerge the consciousness states fields, namely, waking state, dream state, deep sleep state, *turia* state/ transcendental state, and cosmic state of consciousness.
 6. The sixth consciousness state, namely, the God state of consciousness is designated as of “Purusha format”.
 7. The impulses of states of consciousness are carried forward by the “*agin/fire*”.
 8. *Parallel to the different states of consciousness are the different manifestations of “agin/fire”.*
 9. *As such, the beginning of the systems of “Rigved Samhita”, is with the element “agin/fire”, and the chase is to be continued for its attainments of “fires” carrying the impulses of consciousness for their riding the “ativahikas” within rays of the sun/ atman/ vishnulok.*
 10. With full awareness of “*Purusha format*”, one shall be perfecting one’s intelligence and shall be comprehending the phenomena of “Vedas being written on rays of the sun”.
 11. This shall be bringing the Sadhkas face to face with the transcendental unison of whole range of approaches to the Vedic range of knowledge, and as such the whole range of languages, may those be of human beings, or of other living and known living beings availing formats of sound, light, impulses.
 12. Therefore, this Sadhkas shall, first of fall, permit their transcending minds to glimpse this unison phenomena of “whole range of languages, and with it, one may appreciate” the “traditional claim as that Vedas are the ultimate source of languages and knowledge”. Accordingly, one may expect at the end of the Yajna being the master of “ languages and knowledge”.
- Note : - One shall have at least one sitting of TRANS a-day for a week, for the transcending mind glimpse the different states of consciousness and corresponding manifestations of fires.

V

SATHAPATIYA MEASURING ROD

1. First Vedic mathematics, science and technological tool is the, Sathapatiya measuring rod.
2. One features of this measuring rod is that “Lord Vishnu” is its presiding deity, and as such, it is of the setup being of the order of “six space”.
3. It being of the order of “ six space” which is of hyper dimensional order, that is, as that four space is to play the role of its dimensional, their for, the “measure” of this measuring rod is to be played by four space with Lord Brahma as its presiding deity.
4. Lord Brahma, Creator the supreme Him self being the presiding deity of the Sathapatiya measuring rod, it can measure the whole range of knowledge of creations.

5. Lord Vishnu being the presiding deity of Vishnu Lok/ atman/sun, this Sathapatiya measuring rod would be the measuring rod of the transcendental path of ativahikas of the rays of sun.
6. As such, this measuring rod may be sequentially chase as six steps parallel to the setup of hyper-cubes 1-6 as repetitive regular bodes of real 1-6 spaces.
7. Therefore Sadhkas shall permit their transcending mind to transcend through this synthetic setup of hyper-cube 1-6.
8. One way to approach this measuring rod along the linear format of 1-space is as an interval of sic units.
9. The second way approach this measuring rod is along this spatial setup of a plane as hexagon.
10. The third way to approach this measuring rod is to accept three space in the role of dimension which shall be taking up till six space in the role of origin fold.
11. The fourth way to approach this measuring rod is as a dimensional frame of six space with four space in role of dimensional of six space.
12. The fifth way to approach this measuring rod is parallel to the way six space coordinates its transcendental boundary.
13. The sixth way to approach this measuring rod is the way six space in the role of dimensional stretchers 8-space.
14. The seventh way to approach this measuring rod is the way six space in the role of dimensional takes up till Brahman domain as ultimate origin source reservoir.
15. Their are many applied values which are worked out with the help of this measuring rod and the prominent amongst them is to work out diving steps along the format of the six synthetic steps of this measuring rod to reach up till the origin source reservoir of transcendental worlds.
16. it is interims of this diving ladder of transcendental domain that the transcendental content may be carried from sky limits to orb of the sun.
17. it is this technological feat which would be attained by the Sadhkas with completion of the Yajna.

Note : - Sadhkas shall permit their transcending mind to dive deep through the transcendental domain of hyper-cube 5 through the diving ladder availing the format of Sathapatiya measuring rod.

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ASPECT-3
CREATION FEATURES
I
AGE OF LORD BRAHMA

1. Scripture enlighten as that Lord Brahma, creator the supreme, accepts age as of 432000 years, with each year being of 360 days and each day being equal to one revolution time of Earth around the sun.
2. Sadhkas shall on the transcendental night (ShivRatri), remain awake through out the night and to had full glimpse of full sky for full awareness of the range of creations domains.
3. While awake and within full glimpse of the transcendental night sky, one may be face to face with one self as to the transformation of mental format with creator himself going transcendental and multiply ten fold.
4. One shall pay a visit to Shiva temple and have full awareness about transcendental family of Lord Shiva.
5. One shall pose to one self at to the transition and transformations of the setups of the sky with creator him self going transcendental at the boundary of Shiv Lok.
6. One shall permit one's transcending mind to chase this transcendental phenomena of transition and transformation from creator's space to transcendental worlds.
7. One shall go in trans time and again to have full awareness of the transcendental phenomena.

Note : - *The Sadhkas shall share their preparedness for the Yajna. It is this step on their path which may help the undersigned to appreciate the* appreciate their participation.

Best wishes for joining Gyan Yagya commencing since 26-02-2006

II
TO BE CONSCIOUS OF IT

1. Let us be conscious of the transcendental phenomena of the "Transcendental Night (SHIVRATRI)"
2. One may be more intimate with one self by practicing fast.
3. The 'fast' shall be affording an opportunity for one's systems to be in their inherent life sustaining potentialities states.
4. The 'transcending mind' shall be more intimately glimpsing these states of one's systems.
5. This also shall be bringing 'one' face to face with 'one self'.
6. Further, with 'one' remaining 'awake', for 'full day and a night', one shall be 'resetting the functional systems'.
7. This shall be affording an opportunity to the transcending mind to have unison of the 'inner and outer worlds', and in the process, the 'transcending mind' shall be chasing it-self, as well along the 'purusha format'.

8. With it, one shall be attaining unison of 'one self' with the 'sun as self of the Jagat/ universe'.
 9. Further, with it, firstly, 'one' shall be attaining, a transition and transformation from old shad chakras (six eternal circuits) format of human body to new das chakras (ten eternal circuits) formats of human body and secondly, one shall be attaining a transition and transformation from old mental format of spatial order of Creator's space to that of new mental format of solid order of Transcendental worlds.
 10. Scriptures enlighten us as that, the alternative course for the Sadhkas for attaining these two fold attainments would be to have a discipline of regularly attending daily temple prayers for a year.
 11. Let one be 'conscious' of it, about the transcendental phenomena of the 'TRANSCEDENTAL NIGHT'.
 12. The 'TRANSCEDENTAL NIGHT', full fills the 'Creator's domains with 'transcendental Jyoti' and one shall avail this 'transcendental opportunity' and share the 'experiences' with 'fellow Sadhkas'.
- Note. Visit to Shiva temple; study of Sri Shiv Puran, availing the 'transcendental Sounds' of Mahamantra 'OM NAMAY SHIVAY', and transcending mind 'to Glimpse' the seat of transcendental family of Lord Shiva at the inner most core of the transcendental worlds and glimpsing the moments of movements of the skies (in reference to the 'pole star' on transcendental night are the privileged transcendental paths.

III

A TRANSCENDENTAL PHENOMENA

1. 'Transcendental night' is a transcendental phenomena.
2. It is the privileged moments of 'transcendental Jyoti flowing into the Creator's domain'.
3. This is like the 'light full filling the dark domain'.
4. It amounts to 'light riding the dark matter'.
5. It is there because of the transcendental Jyoti flowing into the Creator's space through its transcendental origin.
6. The flow of transcendental Jyoti within the Creator's space is to full fill it with 'solid quantifiers' which get superimposed upon the black 'spatial order' content of Creator's domain.
7. It is this superimposition of the solid order quantifiers of transcendental Jyoti upon the black spatial order content of Creator's domain which is flourishes out the solid order transcendental worlds within Creator's space.
8. It is because of the spatial order of the Creator that simultaneously emerge a pair of hemispheres each of which sustaining a distinct transcendental worlds while both of them also transcendently flourishing out as a unified transcendental world.
9. It is this transcendental feature of the transcendental worlds unifying a pair of them into a unified single transcendental world which happens to be chased as a transcendental phenomena.

10. During the transcendental night, it is this phenomena feature which glaring marks its glimpsing presence as static and dynamic positions of pole star, sun, earth and moon, and distinct pairs of their facets.
11. The dark and white facets of moon, alternatively dark and white facets of earth, unifying process of pole star and alternatively unifying and diversifying systems of sun are the features of this transcendental phenomena of the glimpsing range of human minds because of its setting frame as of pair of hemispheres format within purusha format.
12. It is because of this setting that the transcending mind acquires transcendental features of chasing it self while chasing the transcendental phenomena and there by being of the unity state of consciousness.

Note : -

1. Approach Creator's space as 4-space and transcendental worlds as of the format of hyper-cube 5 as representative regular body of 5-space.
2. Accept 4-space content as 'black matter' and 5-space content as 'light'.
3. Take 4-space content/ black matter as of spatial order and 5-space content / light as of solid order.
4. 'Sun' is of hyper solid -4 mundane order / gods state and 'pole star' is of hyper solid -5/ transcendental order / Unity state.

IV

FLOW OF SOLID QUANTIFIERS WITHIN CREATOR'S DOMAIN

1. When we measure with a line, we avail 'linear quantifiers', and while we measure with 'a plane', we avail 'spatial quantifiers'.
2. Like wise when we measure with 'solid', we avail 'solid quantifiers'.
3. With 3-space being of a linear dimensional order, it shall be needing 'linear measure / quantifier' and 4-space being of spatial dimensional order, it shall be needing 'spatial measure / quantifier'.
4. Like wise 5-space being of a solid dimensional order, it shall be requiring 'solid measure / quantifier'.
5. With 4-space requiring spatial quantifiers and 5-space requiring solid quantifiers, the transcendental range, as such, may be viewed as of transition, transformation and replacement of spatial quantifiers by solid quantifiers.
6. It is this attainment of the transcendental phenomena which deserves to be chase by the transcending mind.
7. This as such also becomes the subject content of the Discipline of Vedic Mathematics, science and technology.
8. With 5-space in the role of origin fold of the manifestation layer with 4-space as domain fold, it amounts to be the features of supply of solid quantifiers in 4-space through its origin.

9. It is this features of transcendental of reality of manifested creation domains which, as such, becomes the 'close of the subject content of the Discipline of Vedic Mathematics, science and technology.
10. The inflow of solid quantifiers within manifested creations domains through the origin would amount to superimpositions of solid quantifiers of transcendental features upon the spatial quantifiers of mundane features of the black matter of the manifested creations domains.
11. Chase of this features of superimposition of solid quantifiers of transcendental features upon the spatial quantifiers of mundane features is to be of the range beginning with the setup of 'di-monad' to the setup of 'tri-monad'.
12. This as such amounts to the chase of the phenomena of transition, transformation and replacement of di-monad by tri-monad.

Note: -

1. Enlist the 'technical terms' and make your dictionary of 'Vedic Mathematics, science and technology'
2. Classify the terms of features of 4-space setup.
3. Classify the terms of features of 5-space setup.
4. Attempt a write up on comparison of the setups of 4-space and 5-space.
5. Chase 4-space as origin of 3-space and as boundary of 5-space.
6. Chase 5-space as origin of 4-space and as boundary of 6-space.

V

ALONG OLD TO NEW FORMATS

1. First message of the 'transcendental phenomena' is that there happens a transition, transformation and replacement of the 'old format' to 'new format'.
2. The old format of creator's domain as of 'spatial order for the setups of its black matter' transits, transforms and gets replaced by the new format of transcendental worlds as of 'solid order' for the setups of its transcendental content.
3. This change by way of transition, transformation and replacement of old format by new format deserves to be charged the way the domain of creator's space gets full filled with 'solid quantifiers'.
4. This feature of the transcendental phenomena of super imposition of the solid quantifiers upon the spatial quantifiers is there because of the transcendental content getting super imposed upon the black matter.
5. This, this way, makes simultaneous availability of spatial order of black matter as well as of solid order of transcendental content.
6. And, this simultaneous availability of a pair of orders / dimensional contents of a pair of consecutive dimensional spaces (here being 2-space and 3-space being in the roles of dimensional orders), in the context of their availability, may be viewed as is the setup of hyper-cube n wrapped within hyper-cube $(n-1)$ / cube wrapped within spatial boundary.

7. The setup of cube with spatial boundary shall also be leading us to simultaneous availability of linear dimensional order for domain of the cube and spatial dimensional order for the origin of the cube.
8. This way a simultaneous availability of shift from linear order to spatial boundary for domain as well as to the spatial order for the origin, is a unique feature which deserves to be chased for attaining the required transition, transformation and replacement of old spatial order into new solid order by accepting spatial boundary and solid domain in roles of dimensional folds of the respective manifestation layers.
9. This simultaneous working with a pair of manifestation layers is inherently there because of the five fold transcendental range providing transcendental base for the manifestation layers.
10. As such the transcending mind gets transcendence from one manifestation layer to another manifestation layer because of their common transcendental base.
11. Accordingly, the Sadhkas get initiated for this transcendental feature of transcendence on the transcendental night.
12. With it, the Sadhkas attain the requisite transition, transformation and replacements for their old mental formats to new mental formats.

Note: -

1. Parallel to linear order of 3-space, there would be a linear mental format.
2. Parallel to spatial order of 4-space, there would be a spatial mental format.
3. Parallel to solid order of 5-space, there would be a solid mental format.
4. One shall chase the transcending mind for transition, transformation and replacements of linear mental format to spatial mental format.
5. One shall chase the transcending mind for transition, transformation and replacements of spatial mental format to solid mental format.
6. With this initial exposure, hence forth from next week is going to be formally taken up the Discipline of Vedic Mathematics, Science and technology for its different features.
7. With this stage be taken having reached for participation and the manner in which one wants his participation may express so that necessary help may be considered in the form of suggested further reading material, elaborations to the points raised, etc.

ASPECT-4
VOWELS FORMATS

I

FIRST VOWEL TO SECOND VOWEL

(AKARA TO EKARA)

1. First step to learn about the ‘knowledge organisation format’ is to know how to transit, transform and reach at from ‘Akara (first vowel) to Ekara (second vowel)’.
2. This as such presupposes the knowledge about ‘Akara’ as well as about ‘Ekara’ being the first and second vowels/letters of the Vedic Alphabet.
3. ‘Vedic Alphabet’ in it self is a big discipline in it-self. It ultimately turns out to be a complete Discipline of whole range of knowledge, as much as that it being the beginning point as well as the end point of the knowledge, with both of them being at the same “ment”, and the whole range in between these end points as well manifests at the same ‘ment’.
4. The chase of the organisation format of knowledge, as such becomes the chase of the organisation format of ‘Alphabet’ it self.
5. This chase, from the point of view of ‘Discipline of Alphabet’ begins with the manifestation of its ‘first letter’ and the first step ahead is to have a reach at its ‘second letter’. These are designated as ‘first and second vowels respectively’.
6. Parallel to it, the first lesson for ‘knowledge organisation format’ comes to the range ‘first vowel to second vowel’ inclusive of the manifestations of the first pair of vowels as well as the gap-range in between them.
7. ‘Vedagans / six ancillary Disciplines of Vedic knowledge organisation’ and ‘Shad darshan / six systems of glimpsing of Vedic knowledge systems’ help chase the gap-range between the pair of end points at the same ‘ment’ and this ‘help’ is to be availed for the chase of the gap-range between the first pair of vowels.
8. Each of the Vedagan (ancillary Discipline) as well as each of the Darshan (glimpsing Discipline) help chase the gape range between the first pair of vowels as a pair of end points of the range, in its own characteristic way.
9. The features of the characteristic way of chase of the gap-range (of the pair of vowels as a pair of points of the range) of each Vedagan (ancillary Discipline) and Darshan Shastra (glimpsing systems) emerge to be the features of the organisation format of the knowledge along the ‘gap-range’ of pair of vowels as pair of end points of a manifested range of creation.
10. Illustratively ‘vaisheshik Darshan’ which while covers be range from ‘anu / macro state’ to ‘parmanu / micro state’, it chases it as a range from ‘mundane / manifested state of black matter of creator’s space / 4-space domain’ to ‘Transcendental state of the transcendental content of transcendental worlds /5-space’. With it, ‘4-space and 5-space’ manifest as the pair of end points as pair of ‘vowels’. The chase processing feature at work would be to begin with 4-space as domain fold and to reach at the ‘solid dimensional order’ of

transcendental worlds, that is, 3-space being in the role of dimension of 5-space. As such while chasing domain to domain, that is, 4-space as domain to 5-space as domain, the processing is of sequential increasing order which shall be taking from 4-space to 5-space, and on the other hand while chasing domain to dimension, that is, from 4-space to 3-space (as dimension of 5-space), the processing chase would be of sequential decreasing order.

11. Like wise the glimpsing chase of the gap-range in between the first pair of vowels as a pair of end points shall be approaching it as a gap-range between a pair of consecutive artifices, which to begin with is to be a pair (1,2) as end points of the range and the gap-range in between being as between 1 and 2. Here the fixation of this pair of end points would be there as is the working rule of the first Ganita Sutra: 'Eka-Adhi-Kena purvena / one more than before'. And, the gap-range between this pair of end points is to be full filled as the range of as the following range of Ganita Sutras (and Upsutras).
12. As such, as the knowledge organisation format and the Vedic Alphabet format are to unfold simultaneously as well as parallel to each other progressing as complementary and supplementary to each other, it may be of great help if one gets exposure to the setup of the Dev-Nagri alphabet and the script forms of its letters, their comparative tables for the alphabet letters of one's mother tongue.

Note: -

1. Please share your 'comparative tables of alphabets'.
2. Please tabulate first pair of letters of different languages known to you.
3. Attempt how to transit from first letter to the second letter
4. Attempt how to transit from 4-space as first letter to 5-space as second letter
5. Attempt how to transit from '4' first letter to '5' as second letter
6. Attempt how to transit from '0' first letter to '1' as second letter
7. Attempt how to transit from '1' first letter to '2' as second letter
8. Attempt how to transit from '0 to 1' first letter to '1 to 2' as second letter
9. Sit comfortably and permit your transcending mind to transcend through the gap in between the pair of end points / first pair of vowels / between 4-space and 5-space / between 4-space as domain and 3-space as dimension / between macro state of molecule and micro state of the atom / between waking state of consciousness and sleeping state of consciousness.

II

PERMIT THE MIND TO TRANSCEND THROUGH GAP-RANGE

1. For chase of the gap-range between the first and the second vowel as being parallel to the knowledge organisation format range, one shall learn to permit the mind to transcend through this 'gap-range' in between the pair of vowels.
2. One shall sit comfortably and to permit the mind to transcend through the gap in between the pair of manifested creations as these vowels / letters are placed adjacent to each other positioned as the pair of end points of mundane-expressions of creations-domain.

3. The gap in between the pair of adjacent mundane expressions of creations-domain is full filled by the transcendental domain as the creator's space avails the transcendental base for its manifested creations.
4. The phenomena of transcendence through the gap range in between the pair of adjacent manifested creations, as such is to re-live the transcendental in between the pair of mundane end point.
5. As initial exposure feature, it be taken as that the transcendental is lively in between the pair of mundane end points.
6. Taking mundane end points as a pair of manifested creations (domains) and the transcendental as the transcendental field, this emerges to be a range of hyper-cube-5 in between the pair of hyper-cubes 4.
7. As a next phase and stage of exposure about this gap-range to be transcended through by the transcending mind, the same be taken as a transcendental domain of hyper-cube 5 wrapped within manifested boundary constituted by ten hyper-cubes 4.
8. This, in fact would be a take off stage from the start with position of first vowel as first manifested end point, and the transcending mind having reached within the 'gap-range', and in the process, the manifested end points attaining the transition and transformation of there roles from the original state of being manifested domains (4-space as domain) to the new role of manifested boundary of transcendental worlds, that is, 4-space being in the role of boundary of 5-space.
9. This phase and stage of transcendence shall be taking from 4-space as domain (as end point) to 5-space as gap-range domain.
10. The other way to view it would be as a take off from the setup of hyper-cube-4 to the setup off hyper-cube 5.
11. Still other way to look at it would be as a transition and transformation of the start with spatial order into the solid order.
12. Still other way to look at it would be to have a take off for the solid boundary for its new role as a solid dimensional order of the transcendental worlds.
13. The next phase and stage of the initial exposure for transcendence through gap-range would be the phase and stage when the transuding mind shall be transcending through the origin knot of the solid dimensional order of the transcendental worlds and shall be entering the creator's space standing released with melting of the seal / knot of the origin of the solid dimensional order of transcendental worlds.
14. Beginning with creator's space (as first vowel as manifested domain) and again while transcendence through the 'gap-range' in between, reaching again the creator's space, is a unique transcendental feature, which deserves to be comprehended well as in terms of its comprehension only it may be possible to have unison of attainments at intellectual and experiential platforms.
15. This as such, bringing the transcending mind face to face with the inner folds of the transcendental worlds and the way the transcending mind shall be glimpsing the inner most core of the transcendental worlds as sit of the transcendental lord (Lord Shiv) and of the

transcendental family of the transcendental lord at origin of the creator's space released from the origin knot of the solid order of the transcendental worlds.

Note: -

1. As a first step to permit the mind to have exposure of the first vowel as first manifested end point as manifested creation of 4-space.
2. As a second step permit the mind to have exposure of take off from the first vowel and to be within the gap-range as transcendental field (5-space).
3. The gap-range as transcendental field be given exposure as solid dimensional domain (3-space in the role of dimension of 5-space).
4. The origin of 3-space be given exposure as 4-space in sealed state.
5. As a third step, permit the mind to have transcendence through the origin of 3-space (here in the role of dimension of 5-space).
6. The seal of origin of 3-space melts during transcendence and with it, initially is released 4-space.
7. 5-space being the origin of 4-space, as such here is located the seat of lord of transcendental worlds (Lord Shiv) and also of the transcendental family.
8. Transcending mind glimpses the seat of lord of transcendental worlds while transcending through the 'gap-range' in between the pair of manifested end points.
9. One shall permit one's mind to transcend through this 'gap-range' and to glimpse the transcendental core of the transcendental worlds.

III

APPROACHING SOLID DIMENSIONAL ORDER

1. Learning to transcend through the gap-range would mean knowing that the gap-range between a pair of manifested domains is to be approached as of a solid dimensional order.
2. It is like the pair of manifested points being of spatial format and the connected through a solid line.
3. Solid dimensional order is there being 3-space / solids / cubes being in the role of dimensions (dimension fold).
4. This, as such, would amount as that the transcendence range is to begin with a surface of a cube and same to be through the solid domain of the cube reaching up till the surface at the other end of solid domain.
5. As but for the origin, all other points of the solid domain being of identical setups of linear order (1-space in the role of dimension), as such the transcendence through the domain other than the origin is to be just being a chase of linear dimensional order. How-ever, as for as, the origin is concerned, the same is a seat of spatial order creator's space (4-space).
6. While within a manifested domain of solids, its pair of dimensions work out a pair of states for it, of which the first being that of as sealed origin where the second dimension of the spatial order goes dormant.

7. The sealed origin because of the second dimension of its spatial order being dormant, the same as such acquires features parallel to the linear order like that of all other points of the manifested domain of solids / cube.
8. Because of the sealed origin also being of identical features like that of any other point of the solid domain / cube, the same emerges to be one another point of the solid domain / cube and transcendence through it is to be of identical features as the same is to be through any other point of the solid domain / cube.
9. How-ever, as for as, the second state of the origin is concerned, while its both dimensions are lively, the transcending mind enters the creator's space and with it the transcendence continues up till the transcendental seat at the origin of the creator's space. Here, the transcending mind gets confronted again with the solid dimensional order.
10. It is this transcendental feature of the transcendence process which deserves to be lived and relived again and again to be in the transcendental state, the transcendental way.
11. This, way shall be taken as settling the format, frame and form for the manifested domain of the first vowel as of a cube as representative regular body of 3-space being of creator's space at its base, and the same being of a pair of states, firstly as the sealed origin and secondly as a released transcendence path through creator's space.
12. The manifested depiction of this format, form and frame of the first vowel / letter of Vedic alphabet, as such, emerges to be as a cube placed upon a for legged table.

NOTE: -

1. One may take it as a transcendence exercise taking the format, form and frame of the first vowel as a manifested domain depicted as a setup of a "cube placed on four legged table".
2. With a take off from a surface of the cube, the transcending mind is to enter the solid domain and to reach the center / origin of the cube as a seat of creator's space.
3. With a transcendence from solid domain of cube to the hyper solid domain of creator's space, the transcendence is to continue further through the creator's domain and is to reach up till its origin as a seat of transcendental worlds.
4. one shall continue transcending further taking as that the transcendence from creator's space to the transcendental worlds being a step of transition, transformation and replacement of spatial dimensional order by solid dimensional order.
5. One shall chase and experience this feature of transcendence as transition, transformation and replacements of the roles of 3-space / solid domain / cube firstly to that of the boundary fold of the creator's space and then to that of the solid dimension order of transcendental worlds.
6. One shall further chase and experience of repeated phases of the same feature of the transcendence phenomena which originally having initiated as 3-space in the role of domain for being through transitions to boundary fold and dimension fold as a first phase, and then the same stages of transcendence through transitions of roles for 3-space to go repeated but with a difference as that while in the initial phase the start was with the role of 3-space as manifested domain while here in the second phase the start is going to be with role of 3-space as dimension.

7. Share the experiential bliss of recycling feature of transcendental worlds with fellow Sadhkas.

IV

‘GHAN’ / BODY-CUBE

1. ‘Ghan’ means ‘Body’ / ‘Cube’ / ‘Body-cube’.
2. One way to approach human body is to begin with it as a ‘body cube’.
3. This approach begins with the ‘body’ as a setup of a physical matter and sequentially takes to the SELF / BEING / SOUL.
4. This as such becomes the approach of human body as a manifestation layer of four fold geometric format (3 space as dimension fold, 4 space as boundary fold, 5 space as domain fold and 6 space as origin fold).
5. With cube and hyper-cubes 4,5,6 as representative regular bodies of 3 space, 4 space, 5space and 6 space respectively, such the formats of these bodies may be availed to approach the existence phenomena of ‘human body’ and also of ‘existence phenomena within human body’.
6. The beginning here, as such, is to be with the first fold, which being of 3 space in the role of dimension / cube in the role of dimension, therefore, there would be a pair of situations, first of which being as the origin of the cube being in a sealed state.
7. This sealed state of cube makes it a mundane / Jad setup.
8. The second state is while the origin is free of its seal within the cube domain. It is designated as of ‘transcendental / Sachetan’ state.
9. During the transcendental / Sachetan state, mind transcends through the mundane state and sequentially enters and transcends through the transcendental worlds.
10. One shall permit the mind to transcend through the transcendental worlds to glimpse its inner folds and also to glimpse its inner most fold as the transcendental core.

V

MUNDANE’ AND ‘SACHETEN /TRANSCENDENTAL’

1. One shall evaluate one self with the help of one’s comprehension of ‘Jad / mundane’ and ‘Sacheten /transcendental’
2. One shall express one self of one’s comprehension of ‘ Jad / Mundane’ with specific focus upon domain of cube / volume of cube / content lump of cube / space within the spatial boundary of a cube / freedom of motion of point / line / plane / solids within the domain of cube.
3. One shall approach origin of 3-space as the center of the cube and reach at it as any other point of the domain of the cube.

4. One shall again approach the origin of 3-space as the center of the cube as a point of distinct features than that of any other point of the cube.
5. One shall approach the origin as sealed within the domain of the cube.
6. One shall again approach the origin of the cube as 'released space' as creator's space.
7. One shall permit one's mind to transcend through the origin of the cube and to glimpse the 'spatial order of 4-space'.
8. With transcendence from the linear order of the domain of the cube, mind shall be entering the spatial order of creator's space /4-space, and with it shall be acquiring a degree of freedom because of availability of one additional dimension, the mind shall be accordingly acquiring additional dimension for its intelligence field because of which its new processing systems shall be having alternative choices and self interactive decision making powers.
9. It is this new potentiality of the mind to handle alternative choices by availing self interactive decision making powers, which may be taken as an additional faculty of mind which option was no more there in old state of mind during processing of the linear order domain of the cube.
10. The old mental faculty of mind during processing of the linear order domain of the cube is designated as Jad / Mundane state processing faculty and on the other hand, the new mental faculty of mind during processing of the spatial order domain of hyper-cube 4 is designated as Sachetan / transcendental state processing faculty.
11. The Sachetan / transcendental state processing faculty shall be leading to the transcendental origin of the creator's space and with it the transcending mind would really go transcendental and would be in a state to transcend further and glimpse further by availing the artifices of Vedic Sounds.
12. The Vedic Sounds shall be riding the ativahikas / transcendental carriers within rays of the sun and with it the transcending mind shall be glimpsing being carried to the unity state and to the Brahman domain by its self referral automation systems.

ASPECT-5
ALPHABET FORMAT
I
ALPHABET

1. Each one of us has some idea of the features of “knowledge, language and alphabet”.
2. The aspect being taken up here is “the alphabet format of the language which is to cover the whole range of knowledge”.
3. The model of it before us is of the Vedic knowledge, language and alphabet format of it.
4. One shall pose to one self as that how one is to reach at the alphabet of the language which is to cover the whole range of knowledge.
5. One shall be having the real feel of the poser if one really starts taking up the exercise independent of the existing models.
6. Even the first step towards it would be a bold decision as “end” of the exercise would silently be settled with the settlement of the “starting step”.
7. One may have feel of it by revisiting the very first letter of the alphabet of the language one knows.
8. One may visit the “first” letter of the Vedic alphabet and have a better “feel” of it.
9. One may attempt knowing about the “first letter of Vedic alphabet” and would end up with the whole range of the alphabet format unfolding sequentially from first letter to the second letter.
10. This exercise shall be bringing us face to face with not only the format of the first letter but also with the whole of the alphabet format, as well as with the whole range of knowledge of Vedic order as the whole organisation is availing the format of Creator’s space (real four-space of spatial order).
11. Firstly, independent of Vedic model, attempt is to be made to reach at the setup of creator’s space, and then, one may approach the Vedic knowledge to have a feel of the ancient wisdom.
12. Here, at this phase and stage of “feel of the ancient wisdom about creator’s space”, one may pose to one self as to how far the Vedic traditions claiming as that all languages derive their alphabet formats as adoptions of the features of Vedic alphabet format.
13. The Vedic traditions claim as that the Sanskrit language of Devnagri script avails the maximum features of Vedic alphabet format.
14. As such the first language which deserves to be chased is SANSKRIT itself.
15. Far it, naturally, first of all glimpse is to be had of the “Brahman domain” of its enlightenment being “Nav-Braham”.
16. To glimpse “Braham” as “Nav-Braham” means to have maximum of IT within the glimpsing range.
17. The suffix “Nav” before “Braham” has two distinct sets of meanings, firstly being “nine” and secondly being “New”.

18. “Nav/nine” is the largest numeral of “ten place value system of numbers”. And, ten place value system is the natural choice of Vedic systems as it is of the format of boundary of transcendental worlds supplied by the creator’s space as, many as ten hyper-cubes 4 together synthesise the boundary of transcendental worlds. Moreover, hyper-cube 4 accepts precisely 9 versions and supply formats for the 9 numerals of ten place value system.
 19. “Nav/new”, is the feature which from either end of 9 numerals range takes to 5 as the common middle; it is this reach to the transcendental worlds (5-space), being the “new” / transcendental creations space.
 20. With it, the poser with which one shall confront one self to have insight about the features of the Vedic alphabet format, would be as to how the same alphabet is to be availed to workout within different dimensional spaces, like creator’s space (4-space), transcendental creator’s space (5-space) and so on.
- Note: -One may download Devnagri (Sanskrit) alphabet and have a first glance of it to have first feel of its format.

II

“TO STRUCTURE THE VOID”

1. The unmanifest / void is to be manifested / structured.
2. There always remains a gap / void between a pair of consecutive “manifestations / manifested domains / bodes”.
3. The void / unmanifested gap / zone in between the pair of manifested domains / creations (4-space), there is a void which can be structured as a transcendental creation (5-space).
4. The Vedic model is that as the transcendental worlds are enveloped within manifested boundary synthesised by ten hyper-cubes 4 and as such it requires $10*5=50$ coordinates for its fixation with origin of the transcendental frame of solid dimensions.
5. This way the pair of manifested end points together with fifty coordinates required by the void gap make out the range as being of “fifty-two” creations and transcendental creations which are to be availed as the constituents of “the alphabet format”.
6. The formats for the pair of manifested creations are supplied by the sole syllable “OM” and the ultimate orb “PARNAVA”.
7. The “in between fifty transcendental coordinates” supply the formats for the “fifty letters of the alphabet” to be availed for the transcendental bridging of the void gap between the pair of manifested domains.
8. First feature of the organisation format of these fifty letters of the alphabet is that it accepts structural format for it as the arrangement of $9+25+16=50$. The artifices (9,25,16) is a triple (3,5,4) such that $3*3+4*4=5*5$.
9. The solid order of the transcendental setup for the “void”, with cube as representative regular body of 3-space, shall be having a “triangle” as it’s a spatial print out, and as such the above feature / arrangement corresponds with the spatial print out feature.

10. The first artifice “9” as a range “1to9” accepts “5” at its middle which can be approached in equal steps from either side of this range.
11. The artifice “25” accepts arrangement as 5*5 as of a spatial follow format.
12. This, as such is a sequential step ahead of the “linear format” acceptable to the range “1to9” with “5” at its middle.
13. The “5*5” setup within a plane is of the order of 5*5 grid.
14. This 5*5 grid shall be working out 4*4=16 grid zones.
15. The grid 5*5, as such is linear framing of 4*4 grid zones.
16. As such, a shift from 5*5 grid framing to 4*4 grid zoning is a sequential step ahead which takes to the “spatial domains”.
17. This way, this sequential progression is of steps of “9 points settings along a line”, “25=5*5 linear frame of grid zones” and “16grid zones / plane”.
18. The grid centers of 4*4 grid zones shall be working out another grid of order 4*4 within the original grid of order 5*5.
19. This way, this feature of this arrangement of this setup, takes us to the “grid being superimposed upon another grid”.
20. It is this feature which provides a take off from the spatial setup to solid setup and with it emerges an attainment for ascendance from spatial order to solid order, as well as for transcendence from solid order to the spatial order through the “solid domain”.
21. In fact this arrangement works out the transcendence as well as the ascendance from “point / 0-space” to “solid domain / 3-space” as of sequential progression steps through the range “0-space, 1-space, 2-space and 3-space”.
22. The range “0-space, 1-space,2-space and 3-space” is a four fold manifestation range with a transcendental feature of “creator’s space / 4-space” playing the role of “origin” of 3-space and there by the four fold range transforms into five fold range.
23. It is this transcendental feature which transforms the four fold manifestation range into five fold transcendental range which deserves to be chased for its comprehension at intellectual as well as at experiential level.
24. One shall sit comfortably and go in “trans” and permit the mind to transcend through the “void gap”.
25. One shall chase the way transcending mind transcends through the “void” and glimpses its “transcendental core” and ascends full filled. With the “ambrosia of bliss of the transcendental worlds of solid order”.

Note: -

One shall attempt a solid grid availing superimpositions of grids One may initially have 2*2*2 solid grid as a setup of 3grids of 2*2 order and count the total points, edges, surfaces required for 8 solid zones.

III

“INVOKING THE ULTIMATE”

1. The basic feature of the ‘alphabet’ being to have the ‘beginning as well as the end’ at the same ‘ment’, as such the ‘ultimate / Braham’ is to be invoked.
2. The ultimate to be invoked is as the transcending mind glimpses the ‘Braham’ as ‘Nav Braham’.
3. Vedic systems accepts a pair of ‘*Nistha* / established processing processes’, namely ‘*Sankhiya Nistha*’ and ‘*Yoga Nistha*’, and these run parallel to each other, as well as, these being complementary and supplementary of each other.
4. The sankhiya Nistha on its ultimate analysis avails the artifices of numbers while the yoga Nistha on its ultimate analysis avails the dimensional formats.
5. The sankhiya Nistha presumes the existence of dimensional formats parallel to corresponding artifices of numbers and the yoga Nistha presumes the existence of artifices of numbers parallel to corresponding dimensional formats.
6. With this, both the processing systems attain the same ‘fruit’ as end result, of ‘glimpsing the ultimate Braham as Nav Braham along artifice ‘9’ and parallel to it, along ‘9-space’.
7. The parallel sequential progressions of artifices 1to9 and 1-space to 9-space, as such are there to be availed for nine letters of the alphabet.
8. These nine letters are designated ‘*swaras* / vowels’.
9. These are designated as ‘*swaras*’ as *self* sustained domains parallel to the self sustained domains of artifices 1to 9 and 1to9 dimensional spaces.
10. Vedic systems comprehend full range dimensional spaces as being of features of their respective representative regular bodies.
11. As such, ‘interval, square, Cube and hyper-cubes 4 to 9’ emerge as a functional format range.
12. This functional format range becomes the ‘the range of nine vowels / first nine letters of the alphabet’.
13. Along range of artifices of numbers ‘1 to 9, and parallel to it, along the range of ‘1 to 9’ dimensional spaces’, there is a sequential progression order of the working rule of Ganita Sutra -1 “*ekaadhikena purvena* / one more then before”.
14. Amongst many distinguishing features of artifice ‘9’, the following two features deserve focused attention: (I) $9+9=18$ and (II) $9*9=81$. This pair of artifices, namely, (18,81) constitutes a reflection pair of artifices, as that the pair of digits of this numbers namely 1,8 replace there placement positions in number 18 and 81. Further as that these some up as 99, which is the largest double digit number of ten place value system.
15. Accordingly, would be the features and potentialities of the range of vowels.
16. The following organisation arrangements in terms of the features of artifice 9 in reference to artifice 8 also deserve to be comprehend well as to have appreciation of distinguishing features of 8-space and 9-space: (I) $9=3^2$ and (II) $8=2^3$. The reversal of ‘base and index’ placements while on the one hand coordinates these artifices as a ‘vertical reflection pair’, the same on other hand also makes them the consecutive pair of artifices. It shall be helping us appreciate the asht prakriti / eight fold nature and Nav Braham / nine fold ultimate domain being of apposite processing orientations.

Note: -

1. One may download the information from the website about 1-space to 9-space.
2. One may also download special symbols for hyper-cubes.
3. One may attempt write ups upon hyper-cubes 4, 5, 6.
4. One may also attempt write ups upon the setups of real 1-space to 9-space of Vedic comprehensions.

IV

“TWENTY-FIVE SANKHIYA ELEMENTS”

1. There are twenty-five sankhiya elements.
2. There are five basic elements, designated as *panch mahabhut*, namely, earth, water, fire, air and space. Also there are five senses, namely, touch, smell, hearing, seeing and test. This to gather create a $5 * 5$ grid for the existence phenomena.
3. This $5*5$ grid of elements- senses is one applied value of 25 sankhiya elements.
4. The general applied values format of twenty-five sankhiya elements is $5*5$ grid manifesting $5*5$ *varga* consonants / twenty-five letters of square formats.
5. The format of these twenty-five *varga* consonants is of five rows and five columns and each of five rows is a row of squares.
6. This setup is a set of specific features of $2*2$ framed grid. It has $2*2=4$ square grids zones superimposed upon the base square $2*2$. This set of 4 square grids zones together with the base square makes a set of five squares as a *varga* consonants row of which the fifth consonant constitutes a distinct class. Further, as each of the four square grids again shall be playing the role of base square accepting superimposition of four square grids zones, so there by would emerge four more rows of *varga* consonants and there by there being in all a set of five *varga* consonants rows together constituting a format for all the twenty-five *varga* consonants.
7. The spatial format of twenty-five *varga* consonants, as a spatial order avails the feature $2/1*1/2=1*1=1$. This feature permits sequential progression along one axis being 1,2 while along second axis being 1,1/2.
8. The sequential progression along first axis to accept the working rule of “*Ganita Sutra-1* (one more then before)” and along second axis to accept the working rule of “*Ganita UpSutra-1* (proportionately)”.
9. As $2= 1+1$, and also as $2=1*2$, as such the sequential progressions may be approached by the working rule of “*Ganita UpSutra-1* (proportionately)”.
10. The structuring of ‘affine’ into “sequential progressions formats”, is to have transition and transformation for uniform values along grid format into the sequential values. This transition and transformation attains a shift from a square format to a cube format, as is evident from the following illustrative setups:

1 1 1

1 2 3

1 1 1

2 3 4

1 1 1	3 4 5	
$= 9 = 3^2$	$= 27 = 3^3$	
1 1 1 1	1 2 3 4	
1 1 1 1	2 3 4 5	
1 1 1 1	3 4 5 6	
1 1 1 1		4 5 6 7
$= 16 = 4^2$	$= 64 = 4^3$	
1 1 1 1 1	1 2 3 4 5	
1 1 1 1 1	2 3 4 5 5	
1 1 1 1 1	3 4 5 6 7	
1 1 1 1 1	4 5 6 7 8	
1 1 1 1 1	5 6 7 8 9	
$= 25 = 5^2$	$= 125 = 5^3$	

11. The spatial order supplies a pair of coordinates for points within a plane. With this, the single digit expressions for numerals along a line as linear order, gets transforms here in a plane as double digits expressions. Accordingly, the twenty-five *varga* consonants shall be accepting artifices as under:

11 12 13 14 15	50+15
21 22 23 24 25	100+15
31 32 33 34 35	150+15
41 42 43 44 45	200+15
51 52 53 54 55	250+15
Total 825+25(of affine format)	

12. The affine format value (25) together with the sequential progression (125) along with the double digits value together with the affine format value (850) makes the total value as $1000=10^3$.

13. The split-up of artifice 1000 as $25+125+850$ it's a very power full arrangement for sequentially availing affine spatial order for creator's space to work out the manifestation of creations at the boundary of transcendental worlds of solid order.
14. One shall expose one self to the format of hyper-cube 5 as a format of transcendental creations working out by ten creators' creations as transcendental packages.

Note: -

1. One shall attempt a write up on "hyper-cube 5".
2. One shall also attempt a write up on "transcendental worlds".
3. One shall further attempt a write up on the setup of hyper-cube 5 as a package of $8*10+5$ cubes.
4. One shall also attempt a write up on the transcendental creations as by 10 creators' creations.

V

TO STRUCTURE THE VOID"

26. The unmanifest / void is to be manifested / structured.
27. There always remains a gap / void between a pair of consecutive "manifestations / manifested domains / bodes".
28. The void / unmanifested gap / zone in between the pair of manifested domains / creations (4-space), there is a void which can be structured as a transcendental creation (5-space).
29. The Vedic model is that as the transcendental worlds are enveloped within manifested boundary synthesised by ten hyper-cubes 4 and as such it requires $10*5=50$ coordinates for its fixation with origin of the transcendental frame of solid dimensions.
30. This way the pair of manifested end points together with fifty coordinates required by the void gap make out the range as being of "fifty-two" creations and transcendental creations which are to be availed as the constituents of "the alphabet format".
31. The formats for the pair of manifested creations are supplied by the sole syllable "OM" and the ultimate orb "PARNAVA".
32. The "in between fifty transcendental coordinates" supply the formats for the "fifty letters of the alphabet" to be availed for the transcendental bridging of the void gap between the pair of manifested domains.
33. First feature of the organisation format of these fifty letters of the alphabet is that it accepts structural format for it as the arrangement of $9+25+16=50$. The artifices (9,25,16) is a triple (3,5,4) such that $3*3+4*4=5*5$.
34. The solid order of the transcendental setup for the "void", with cube as representative regular body of 3-space, shall be having a "triangle" as it's a spatial print out, and as such the above feature / arrangement corresponds with the spatial print out feature.
35. The first artifice "9" as a range "1to9" accepts "5" at its middle which can be approached in equal steps from either side of this range.
36. The artifice "25" accepts arrangement as $5*5$ as of a spatial follow format.

37. This, as such is a sequential step ahead of the “linear format” acceptable to the range “1to9” with “5” at its middle.
38. The “5*5” setup within a plane is of the order of 5*5 grid.
39. This 5*5 grid shall be working out 4*4=16 grid zones.
40. The grid 5*5, as such is linear framing of 4*4 grid zones.
41. As such, a shift from 5*5 grid framing to 4*4 grid zoning is a sequential step ahead which takes to the “spatial domains”.
42. This way, this sequential progression is of steps of “9 points settings along a line”, “25=5*5 linear frame of grid zones” and “16grid zones / plane”.
43. The grid centers of 4*4 grid zones shall be working out another grid of order 4*4 within the original grid of order 5*5.
44. This way, this feature of this arrangement of this setup, takes us to the “grid being superimposed upon another grid”.
45. It is this feature which provides a take off from the spatial setup to solid setup and with it emerges an attainment for ascendance from spatial order to solid order, as well as for transcendence from solid order to the spatial order through the “solid domain”.
46. In fact this arrangement works out the transcendence as well as the ascendance from “point / 0-space” to “solid domain / 3-space” as of sequential progression steps through the range “0-space, 1-space, 2-space and 3-space”.
47. The range “0-space, 1-space,2-space and 3-space” is a four fold manifestation range with a transcendental feature of “creator’s space / 4-space” playing the role of “origin” of 3-space and there by the four fold range transforms into five fold range.
48. It is this transcendental feature which transforms the four fold manifestation range into five fold transcendental range which deserves to be chased for its comprehension at intellectual as well as at experiential level.
49. One shall sit comfortably and go in “trans” and permit the mind to transcend through the “void gap”.a
50. One shall chase the way transcending mind transcends through the “void” and glimpses its “transcendental core” and ascends full filled. With the “ambrosia of bliss of the transcendental worlds of solid order”.

Note: -

One shall attempt a solid grid availing superimpositions of grids One may initially have 2*2*2 solid grid as a setup of 3grids of 2*2 order and count the total points, edges, surfaces required for 8 solid zones.

ASPECT-6
FURTHER CHASE

I
LET US REVISIT

1. One way to look at it is as the urge to know the way “cube” or, the “sphere“, as representative regular bodies of three space/”Triloki” or Structured along the manifestation format of “creator’s space”.
2. Let us revisit the setup of cube.
3. Let us approached this setup of the cube in reference to the dimensional frame of three linear axes with origin super imposed upon the center of the cube.
4. This as, the first step, the beginning is to be head ahead, as step two off approaching the setup of the cube in terms of four internal diagonals of the cube.
5. This transition from three axes approach to four diagonals approach to the setup of the cube is the beginning of having insight of the features of the manifestations format of the creator’s space.
6. From the formal school education point of view it may be taken that up till middle school level, expectations from the students is to be that they have comprehension of the setup of the cube in reference to the dimensional frame of three linear axes.
7. As such “Cube format” may be taken as the key phrase for the curriculum for middle school level education.
8. Then in a sequence, the next for years schooling is to be respectively along the formats of hyper cubes 4,5,6 and 7.
9. Therefore the focus of six weeks of second half of first quarter of first year of Gyan Yazana, as such, is to be, to have initial exposure of this four hyper cubes formats, viz, the hyper cube 4 format of school education at its ninth standard and so on.
10. Here in the following five lessons of these week, lesson 2 to 5 are going to the devoted for focused attention upon the formats of hyper cube 4,5,6 and 7 respectively.
11. While, the last lesson of these week is reserved for having re-evaluation of what has been our insight of the Gyan Yazana being undertaken.*

II
TRILOKI AND CREATOR’S SPACE

1. First week of the second phase of first quarter is to be devoted to “Triloki and creator’s space.”
2. First feature of this chase is going to concentrate upon the transition from the setup of “Cube” to that of “Hyper Cube 4.”

3. The second feature of this chase would be to concentrate upon the manifestation format supplied by 4 space.
4. Third feature would be to have chase of Cube and Hyper Cubes along this four fold manifestation format of 4 space.
5. Forth feature would be to focused upon the measuring rod of 4 space and the measure of this measuring rod.
6. Fifth feature going to be focused is as that 4 space is the creator's space presided by Lord Brahma, Creator, the Supreme.
7. It would be good exercise to tabulate as much information as one can consolidate from different studies and scriptures about the creator's space.
8. One may avail this opportunities to concentrate oneself and try to have an insight about different feature of creator's space.
- _9. One may have some help from the Vedic Mathematics books of the author, particularly from the set of five books titled; 1. The teaching of Vedic Mathematics, 2. Learning of Vedic Mathematics on first principle, 3. Vedic Mathematics basics, 4. Vedic Mathematics skills and 5. Vedic Geometry course (These books are published by Lotus Press, 4263/3, Ansari Road, Darya Ganj, New Delhi-110002, Ph: 30903912, 23290047, Email: lotus_press@sify.com)
10. Under the Vedic Mathematics, Science and Technology knowledge arrangement, the reality is to be sequentially chased upon formats of Cube and Hyper Cubes.
11. Accordingly, the teaching and learning as well is to sequentially avail the formats of Cube and Hyper Cubes.
12. The format of Cube is to be avail for teaching up till middle school level.
13. The formats of Hyper Cubes 4,5,6, and 7 are to be respectively avail for teaching and learning at 9th, 10th, 11th and 12th class level.
14. As such the first week of the second phase shall be covering the transition from Cube format to Hyper Cube 4 format. *

III

TRANSCENDENTAL WORLDS WITHIN CREATOR'S SPACE

1. The second week of the second phase of first quarter is going to concentrate upon the phenomena of emergence of Transcendental worlds within creator's space.
2. In other words, it is phenomena of emergence of 5 space feature within creator's space (4 space).
3. Still in other words, it is phenomena of spatial order creator's space (4 space) being fulfilled with solid order to be supplied by the Transcendental worlds (5 space).
4. This phenomena of emergence of Transcendental worlds within creator's space deserves to be chased with full attention as only with its comprehension, one may be in a position to understand the Vedic way of organizing the knowledge.

5. Further, it is with comprehension and insight of this phenomena, one shall be understanding the way “Intelligence field” is created by the Transcending mind by transcending through the format of cube and attaining the Hyper Cube 4 format of creator’s space.
6. Still further, it is with comprehension and insight of this phenomena, one shall be glimpsing the emergence of consciousness field within the intelligence field within creator’s space.
7. As such the phenomena of emergence of consciousness field within intelligence field is to be taken as parallel to phenomena of emergence of Transcendental worlds within creator’s space.
8. The Transcendental worlds are of format of Hyper Cube 5 which is a representative regular body of 5 space which is of a solid dimensional order.
9. This phenomena deserve to be chased as transition from format of Hyper Cube 4 to the format of Hyper Cube 5.
10. Further, it may be chased as a transition from artifices 4 to artifices 5.
11. Still further it may be chased as a transition from quadrilateral to pentagon.
12. The book Vedic Geometry course, may be of initial help to have initial exposure to this phenomena.
13. In fact, the second quarter of first year of Gyan Yazana is going to be devoted to the chase of Transcendental worlds along Hyper Cube 5 format.
14. For advance students, simultaneously from 12-5-2006, a specific advance level course of chase of Transcendental worlds along Hyper Cube 5 as well is under consideration and the interested scholar may submit their willingness with the author. *

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SUN AND CREATOR’S SPACE

1. The third week of second phase is going to be devoted for initial exposure to the Reality of Sun as source of existence phenomena on earth vis a vis the creator’s space.
2. In other words, here opportunities would be available for chase of the Reality of sun as 6 space vis a vis 4 space as creator’s space.
3. Vedic Mathematics Science and Technology approaches this reality in terms of 6 space measuring rod accepting 4 space as measure.
4. The third quarter of the first year of the Yazana is going to be available for further insight of this reality.
5. The focus here would be upon the format of Hyper Cube 6 as representative regular body of 6 space.
6. One may have smooth transition from the setup of Hyper Cube 5 to the setup of Hyper Cube 6.
7. It may be relevant to mention here itself as that the presiding deities of 4,5,6, namely, Brahma, Shiv and Vishnu, together are designated as *TRIMURTHI*.

8. The message is that 4,5 and 6 spaces are to be chased together as features of formats of Hyper Cube 4,5 and 6 are to be availed simultaneously for the chase of Reality of existence of Phenomena.
9. The transition from *TRILOKI* (1,2,3 space) to *TRIMURTHI* (4,5,6 space) is a big attainment step, from which take off is to be had for the *POLESTAR* (7 space), a source reservoir of features of unity state of the existence phenomena.
10. As such, 5 steps long range (3 space, 4 space, 5 space, 6 space, 7 space)/(3,4,5,6,7) need be chased for attaining unity state of reality of existence. *

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PREPARATION FOR THE SECOND PHASE OF THIS QUARTER

1. The fifth and sixth weeks of the second phase of the first quarter are to be devoted for perfection of one's comprehension and insight of the unity state of reality of our existence phenomena, so that one can have smooth transition from first quarter of first year of Yazana having focus upon the format Hyper Cube 4 as representative regular body of 4 space (Creator's space) to the second quarter of first year of the Yazana having focus upon the format of Hyper Cube 5, the representative of regular body of 5 space (Transcendental worlds).
2. As such, here is the moment to go for the preparation for the second phase of the current first quarter of this year of Yazana. One shall revisit the exposure one has been all this six weeks and meditate and experience the bliss of this experience and also to cherish the ambrosia of bliss which is to continue to flow the second phase of this quarter over coming six weeks. *

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TRILOKI AND CREATOR'S SPACE

1. Here we enter the second phase of first quarter of this year Yajana and here we focused upon "Triloki and Creator's space."
2. Our space of existence is designated as Triloki.
3. "Triloki" may formally be accepted as "3 space" and Creator's Space to be accepted as "4 space."
4. Further "Cube" is taken as the representative regular body of 3 space and Hyper Cube 4 is taken as the representative regular body of 4 space.
5. "Cube" is setup within whose domain, "Interval, Square as well as Cube" as representative regular bodies of 1,2,3 spaces would be available.
6. Like wise "Hyper Cube 4" is the setup whose domain, "Interval, Square, Cube and Hyper Cube 4" as representative regular bodies of 1,2,3,4 spaces would be available.

7. Therefore “Cube” and “Hyper Cube 4” as simultaneously available within Hyper Cube 4/4 space deserve to be chased as manifestation along the common manifestation format supplied by 4 space itself.
8. This manifestation format is of 4 folds respectively playing the roles of dimensions, boundaries, domains and origins.
9. Let us revisit the setup of “Cube” and we shall be noticing as that a 1 space is playing the role of linear dimension, while 2 space is playing the role of spatial boundary. Further, 3 space is playing the role of domain of 3 space and 4 space is playing the role of domain. With this, these 4 folds, namely (1 space as dimension, 2 space as boundary, 3 space as domain and 4 space as origin) together synthesize “Cube” as 4 fold manifestation layer within a creator’s space.
10. Hyper Cube 4 itself is a 4 fold manifestation layer with 2 space in the role of spatial dimension. Its second fold is a solid boundary because of 3 space in the role of boundary. Further 4 space itself is in the role of third fold as domain of Hyper Cube 4, while fourth fold role is being played by 5 space which otherwise is available at base of creator’s space.
11. The 4 fold manifestation format provided by creator’s space, in its generality, being (N space, N+1 space, N+2 space, N+3 space)/(N,N+1,N+2,N+3) for all values of N shall be supplying whole range of manifestation layers of which Cube is the first manifestation layer.
12. The transition from “Cube” to “Hyper Cube 4”, as such is going to be the transition from “first manifestation layer (1,2,3,4)” to “second manifestation layer (2,3,4,5).
13. In general the transition is to take us from the Nth manifestation layer (N,N+1,N+2,N+3) to (N+1th) manifestation layer (N+1,N+2,N+3, N+4).
14. The range of 5 consecutive spaces (N,N+1,N+2,N+3, N+4) is known as the Transcendental range as it attains transition from a given manifestation layer to the next manifestation layer.
15. As such, the transition from Cube as first manifestation layer to Hyper Cube 4 as next manifestation layer shall be availing the 5 fold transcendental range (1,2,3,4,5)/(1 space, 2 space, 3 space, 4 space and 5 space). These 5 folds are respectively designated as dimension 4, boundary 4, domain 4, origin 4 and transcendental fold.

32

ALONG HYPER CUBE 4 FORMAT

1. Hyper Cube 4 format, as a manifestation layer is of 4 folds (2,3,4,5).
2. The idea of potentialities of this format may be had from the fact as that the Creator Himself as well for manifestation of his own idol avails this very format.
3. The features of idol of Lord Brahma as 4 head lord with a pair of eyes equipped in each head sitting majestically upon a lotus seat of eight petals and meditating upon His Lord (5 Head Lord) in cavity of His own heart, are parallel to the features of Hyper Cube 4 format as much as that four heads run parallel to four dimensions of 4 space, pair of eyes of each

head run parallel to the spatial dimensional order, eight petals of lotus run parallel to eight solid boundary components of Hyper Cube 4 and the seat of 5 head Lord being parallel to the 5 space in the role of origin of Hyper Cube 4.

4. As such the processing feature along Hyper Cube 4 format would run parallel to spatial dimensional order, solid boundary, hyper solid domain and the transcendental origin.
5. The features of transcendental origin would be of the order of the transcendental range to be supplied by the transcendental origin as it being of the format of Hyper Cube 5 as representative regular body of 5 space.
6. These features of processing along the format of Hyper Cube 4, for their proper comprehension and full insight, may be approached fold by fold.
7. The spatial dimensional order of creator's space makes this space of distinguishing feature then that of 3 space being of linear dimensional order.
8. Likewise, the spatial dimensional order of creator's space makes it of distinguishing feature then that of spaces of solid and hyper solid dimensional order.
9. The solid boundary of Hyper Cube 4, as such is of distinguishing feature then that of the spatial boundary of the Cube.
10. Likewise, the solid boundary of Hyper Cube 4 is also of distinguishing feature then those of other Hyper Cubes of Hyper solid boundaries.
11. The hyper solid domain of Hyper Cube 4 is of features of 4 space content, which is of distinguishing nature then that of the solid domain of cube of hyper solid domains of other hyper cubes.
12. This student of Vedic Mathematics Science and Technology, naturally have to concentrate more upon the feature of hyper solid content of creator's space.
13. It is only in terms of the features of hyper solid content of creator's space, that the technologies of this base are to be harnessed.
14. It is only by having knowledge of working details of different feature of this space content that one may expect to deal with this space content an accordingly lead would be that students of Vedic Mathematics Science and Technology shall go for research of different feature of the hyper solid content of creator's space.
15. It is only in terms of the features of this space content that one may ensure reaching at the mirrors, prisms, carriers and fuels of this domain.
16. One may reach the intelligence field of creator's space by transcending through the sensory field which takes up till the solid body of creator's space.
17. It is by transcendence through intelligence field creator's space that one shall be entering the consciousness field.
18. It is by glimpsing the way the transcending mind goes self referral while transcending through the intelligence filed of the creator's space that one shall be perfecting one's intelligence about the creator's space.

1. Let us take up the aspect of “Cube as a Manifestation Layer (1,2,3,4).
2. 4 folds of the manifestation layer are; 1 space as dimension, 2 space as boundary, 3 space as domain and 4 space is origin.
3. Dimension fold, itself while availing the format of Hyper Cube 4/Manifestation format of 4 folds, it as such shall be emerging as manifestation layer (-1,0,1,2).
4. Likewise the boundary fold of Cube shall be manifesting as a manifestation layer 0,1,2,3.
5. The origin fold of Cube shall be manifesting else (2,3,4,5).
6. This way “Cube” along the manifestation format of Hyper Cube 4/Creator’s space shall be manifesting as a set of 4 manifestation layer namely, the dimension manifestation layer (-1,0,1,2), boundary manifestation layer (0,1,2,3), domain manifestation layer (1,2,3,4) and origin manifestation layer (2,3,4,5).
7. These 4 manifestation layer together avail seven steps long unity manifestation range for the cube being (-1,0,1,2,3,4,5).
8. In general the unity state manifestation range may be expressed as (N-2, N-1, N+1, N+2, N+3, N+4, N+5).
9. The unity manifestation range for Hyper Cube 4 comes to the (0,1,2,3,4,5,6).
10. The unity manifestation range for Hyper Cube 5/transcendental worlds emerges as (1,2,3,4,5,6,7).
11. As such, the chase of cube as a manifestation layer accepts a chase as organization arrangement of 4*4 matrix as follows;

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
12. One may see that here in this setup, 4 space is in its different roles, namely as origin fold, domain fold, boundary fold and dimension fold.
13. Further one may see that these placements for these roles of 4 space accepts the format of the diagonal.
14. This feature of this setup deserve to be comprehended well to have an insight as to hope within the domain of the cube, the corners of the cube get coordinated in terms of the 4 diagonals.
15. Further, in terms of these comprehension and insight, one may glimpse the existence of 4 space in the role of origin of cube/3 space.
16. One shall perfect one’s intelligence to glimpse the phenomena.
17. One shall sit comfortably and permit one’s transcending mind to glimpse through the domain of Cube to be face to face with creator’s space in the role of origin and supplying the existence frame for four diagonals coordinative eight corner points of the cube.
One shall permit one’s mind to transcend time and again through the setup of the cube and to have transition to the setup of hyper cube and attain perfection of intelligence.

HYPER CUBE 4 AS MANIFESTATION LAYER (2,3,4,5)

1. The transition from cube to hyper cube 4 may be attain by approaching them as manifestation layers (1,2,3,4) and (2,3,4,5) along the transcendental range (1,2,3,4,5).
2. With each fold of the manifestation layer itself while availing the manifestation format, manifests as manifestation layer, and with it, the transition from cube to that of hyper cube 4 need be of the format of 5*5 transcendental ranges.
3. The organization arrangement for the set of 4 manifestation layer of cube would be as follows:

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

4. The organization arrangement of the set of 4 manifestation layer of hyper cube 4 would be as follows:

2	3	4	5
3	4	5	6
4	5	6	7
5	6	7	8

5. The transcendence of format for above pair of organization arrangements would be as follows:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

6. The combined value of the artifices of all the rows and column of above transcendence format comes to the $125=5*5*5$; and eight fold of them, parallel to the need of transcendence through eight solid boundary components of hyper cube 4 shall be yield a value $125*8=1000=10*10*10$, a transcendental solid order of creator's space at boundary of the transcendental worlds.
7. As such the students of Vedic Mathematics Science and Technology need to perfect their skill for chase along 5 transcendental ranges, namely, (1,2,3,4,5), (2,3,4,5,6), (3,4,5,6,7), (4,5,6,7,8) and (5,6,7,8,9).
8. This shall be taking us to $5*5=25$ Verga (square format) consonants of Vedic/Sanskrit/Alphabet format.
9. It is here from where onwards, the Sanskrit grammar may be availed from the help of settlement of further working details of the systems.
10. With each letter of alphabet being of a definite manifestation format along the transcendental range, the rest whole of the grammar and composition rules are of preside

mathematical values determined along geometric formats manifesting within creator's space. In fact, each letter becomes the creator letter.

11. As such the alphabet becomes the beginning as well as the end of the Vedic systems.
12. The attainment of beginning as well as the end at the same ment is the unique feature of Vedic systems.
13. This feature is there because of this spatial order of the creator's space.
14. The spatial order is responsible for the transition for the role of 1 space as domain (line) to the role of 1 space as boundary (circumference).
15. The way linear boundary of spatial setups takes off and structures out the solid setup of linear order, deserves to be chased.
16. For this chase one may begin with different roles of 3 space/solids/cube as "domain", "boundary", "dimension" and further as sustainer of the sky line for the origin fold and ahead the further as the solid sky line of polestar.
17. We are well acquainted with "cube as domain" as well as cube as solid body components of hyper cube 4, and cube as solid dimension of hyper cube 5.
18. The manifestation layer (3,4,5,6) accepts 3 space in their role of dimension leading to 6 space as origin fold. Further as that the sky line of 6 space, that is dimension of dimension 6 space is of spatial nature which runs parallel to the spatial boundary of 3 space.
19. The transcendental range (3,4,5,6,7) accepts 3 space in the role of dimension and 7 space in the role of transcendental fold. Further as that the sky line of polestar/7 space, that is dimension of dimension of 7 space is of solid nature and it runs parallel to the 7 geometry of 3 space.

As such, one shall permit one's mind to transcendence along the transcendental range (3,4,5,6,7) and have perfection of intelligence and insight about Triloki within creator's space.

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HYPER TRANSCENDENTAL WORLDS AS MANIFESTATION LAYER (3,4,5,6)

1. The flow of manifestation layer along the transcendental range, particularly the flow of the manifestation layer of transcendental worlds (3,4,5,6) along the transcendental range (3,4,5,6,7) deserves to be chased time and again for perfection of intelligence.
2. The sum of the values of 5 folds of the transcendental range (3,4,5,6,7) is $25=5*5$.
3. The sum of the values of 5 transcendental ranges of $5*5$ format, as follows, is of value $125=5*5*5$

1	2	3	4	5
2	3	4	5	6

3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

4. This attainment of cubic order (5*5*5) along spatial order (5*5) format is there because of the spatial order creator's space being fulfilled with solid quantifiers supplied by the transcendental worlds source reservoir at origin of the creator's space.
5. Cube as solid dimension of transcendental worlds supplies coordination for the dimension itself in terms of its internal diagonals.
6. One may permit one's transcending mind to glimpse this phenomena of Coordination along diagonals and supplying the distinct sequential flow along the diagonals as is organized in the arrangement of transcendental ranges

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

7. The Central diagonal of this format is of uniform values (5,5,5,5,5) with total value being 25 which accepts expression arrangement as (3,4,5,6,7).
8. One must revisit the above arrangements time and again and have its full comprehension and insight about it as that here each diagonal is of uniform but distinct values.
9. One shall permit one's mind to transcendence time and again and to glimpse this transcendental grid of sequential values manifesting uniform flow of values along diagonal but each diagonal being of distinct value, and to perfect one's intelligence as to the way the spatial order attains this arrangements through spatial push splitting along its pair of axes and yielding the transcendental grid as it is.
10. One shall continue permitting one's mind to transcendence time and again and to glimpse the way transcendental worlds emerge and fade within the creator's space as spatial pulls and pushes because of the pulsating stars of the universe of polestar.
11. The uniform beams emanating from the pulsating stars of the universe of polestar manifest as transcendental manifestation layers (3,4,5,6) flowing along the transcendental range (3,4,5,6,7) as mid stream of the transcendental grid of the concerned pulsating star.
12. As such the setup of our Triloki of 3 space format deserves to be visited time and again as creation of creator's space and the same being of features which when go transcendental become the transcendental carriers leading to polestar.

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TEACHING ALONG HYPER CUBE 4 FORMAT

1. This is to be taken as a step in continuity of the step of teaching along the format of a Cube.

2. This as such presumes that the teaching at 9th standard is being continued in the background of necessary exposure for requisite transition from format of cube to that of hyper cube 4 format.
3. As such, the first lesson for teaching and learning along hyper cube 4 format would be to first of all expose the young mind about the existence of 4 and higher space, with focus upon 4 space.
4. It may be presumed that the students joining class IX shall be well acquainted with the interval, square and cube being the representative regular bodies of 1,2 and 3 space respectively.
5. In this background the teachers may take help of this comprehension of setups of interval, square and cube and there from to have smooth transition for the existence of 4 space, as well as for the setup of hyper cube 4 as a representative regular body of 4 space.
6. The book “Vedic Geometry course” of the author may be of initial help for the teachers for exposing and maturing the young minds about the existence of 4 space as well as about features of hyper cube 4 being representative regular body of 4 space.
7. Smoothly, the young minds need be exposed to the feature of hyper cube 4 as a 4 fold manifestation layer (2,3,4,5).
8. Each fold of this manifestation layer (2,3,4,5) need be chased one by one and the distinct feature of each fold need be tabulated for their distinct appreciation of pure and applied values there of.
9. As a next step, the young minds are to be exposed to the transcendental range (1,2,3,4,5) as well as to the next transcendental range (2,3,4,5,6).
10. The discipline of Mathematics Science and Technology along Geometry formats, particularly along format of hyper cube 4, shall be formally taken up as a subject of instruction beginning with the measuring rods and measures.
11. With the help of dimensional measuring rods and measure there of are to be handled with perfected intelligence for chase of “periodic tables”, manifested entities, existence within framed domain and the different states of the dimensional content, fuels, mirrors, prisms and carriers-spectrums.
12. It be brought to the pointed attention of the students at the outset at the initial stage of instructions itself as that the systems there are going to attend to are going to be of spatial features and that the same of distinct characteristics than that of the linear order of mathematics of format of cube learnt by them up till their middle class.
13. As such, at the outset of initial instruction itself the students be exposed to the numerals as of double digits formats viz, 01,02,03,04,05,06,07,08 and 09.
14. The obvious distinguishing feature of numerals of single digit format namely 1,2,3,4,5,6,7,8 and 9 than those of double digits formats namely 01,02,03,04,05,06,07,08 and 09 need be focused well, so that the necessary transition from linear order arithmetic to spatial order arithmetic stands smoothly attained.
15. The feature of artifice four is that $4=2+2=2*2$ because of the linear addition and multiplication getting super imposed.

16. The feature as that 2 space plays the role of dimensional measure for 4 space and this spatial measure accepting split as a pair of axes leading to a spatial unit $1^2_{=1*1=1/2*2/1}$.
17. It is this feature of becoming double along one axis and simultaneously going half along other axis, which need be comprehended well to have double of a linear unit within a spatial format only by going half of linear unit along other axes.
Within linear order, it may be paradoxical to imagine to be double by going half, but here in the spatial order, it is the rule of mathematics science and technology such availing 4 space domain

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LEARNING ALONG HYPER CUBE 4 FORMAT

1. Welcome to the Discipline of Vedic Mathematics, Science and Technology.
2. The exposure along the format of cube during middle class schooling is certainly going to be much help but nevertheless, it be taken that the real beginning of instructions of the domain of the discipline of Vedic Mathematics, Science and technology are to begin now with learning along to format of hyper cube 4.
3. Vedic Mathematics, Science and Technology formally may be defined as the discipline of mathematics science and technology of 4 space.
4. As such, first of all, one is to reach at hyper cube 4 as representative regular body of 4 space existing in continuity of interval, square and cube as representative regular body of 1,2 and 3 space.
5. The domain boundary ratios formulation $A^N : 2NB^{N-1}$, $N=1,2,3,4$ shall be working out the domain boundary ratio for hyper cube 4 as $A^4 : 8B^3$.
6. In other words, hyper cube 4 is a setup of 4 space domain wrapped within solid boundary.
7. It is a manifestation layer of 4 folds (2,3,4,5)/(2 space as dimension, 3 space as boundary, 4 space as domain and 5 space as origin).
8. It being a spatial order setup as having 2 space in the role of dimension, as such the measure of the measuring rod of this domain shall be different then that of the measure of the measuring rod of 3 space/cube as domain.
9. The dimensional order of 3 space/cube is linear, as 1 space place the role of dimension, and as such the measure of measuring rod of 3 space/cube is of a linear units.
10. On the other hand, the dimensional order of 4 space/hyper cube 4 being spatial as 2 space place the role of dimension, as such the measure of measuring rod of 4 space/hyper cube 4 is of spatial units.
11. One way to approach the linear units is as of expression 1^1 .
12. The spatial unit, as such would be of expression 1^2 .
13. As such, here in 4 space along 4 space format, we have to work with spatial measure “ 1^2 ”.

14. Accordingly the mathematics, science and technology along this format of hyper cube 4/4 space may be formally accepts as mathematics, science and technology.
15. With linear units being of first degree/power, and the spatial units being of second degree power, the same, as such may be accepts as the units of features of artifices (1) and (2) respectively.
16. The arithmetic operations, viz, addition, multiplication etc., of spatial units are going to be of different features and skills then that of the arithmetic operations of linear units.
17. As such, the first formal learning step of arithmetic of 4 space/hyper cube format, is to be to learn and acquire the features and skills of arithmetic operations of hyper cube 4 format/4 space/spatial measures.
18. For it, one shall revisit the features and skills of arithmetic operations of linear units and try to address to the feature as to how the multiplication here happens to be of steps of repeated addition operation.
19. We may take the illustrative case of $2+2=2*2=4=2^2$.
20. The format for arithmetic operations of linear units being the linear dimensional order, that is, 1 space/line being the measure computation format, as such the addition steps, despite repetition, are to track the length/elongation along the line, as it has no liberty of expression except to follow the permissible format of a line. As such $2+2=2*2=4=2^2=4^1$ is to be $4*1^1$ linear unit despite being of second degree (2^2).
21. Now, with availability of the spatial format for second degree values (2^2) shall be yielding $4*1^2$, that is, 4 spatial units.
22. Spatial unit 1^2 permits split up as $\frac{1}{2}*2/1$.
23. It is this feature of spatial units, which may help us have continuity with transition from linear units to spatial units but nevertheless the linear units and spatial units being of distinct features which are there because of the distinctive features of the measures and dimensional orders of cube/3space and hyper cube 4/4 space.
24. This distinctive nature of the units/measure/dimensional orders of 3 space and 4 space shall be comprehended well as the linear mathematics and spatial mathematics are going to be of different features and skills

VEDIC MATHEMATICS SCIENCE AND TECHNOLOGY BASICS

1. Vedic Mathematics Science and Technology basics of the format of hyper cube 4 are supplied by its domain fold.
2. With 4 space itself playing the role of domain 4 of hyper cube 4 format/manifestation layer (2,3,4,5), the basics feature of domain fold as such are there because of the space contend of 4 space.

3. The space content of 4 space being of spatial order, as such the basics feature of Vedic Mathematics, Science and Technology of hyper cube 4 format are to be regulated by the spatial order of the space content of this domain.
4. To be specific, the mirrors, prisms, fuels, carriers-spectrums and the measure, units as well as basic operations of these units are to be regulated by the spatial order of the space content.
5. The measuring rods and the measures as well are to be regulated by the features of this spatial order of the space content.
6. While the linear order space matter of 3 space is regulated by its linear units and linear tracks, the spatial order space content of 4 space is regulated by spatial unit and spatial beds.
7. The linear units and linear tracks shall be leading to linear sky line while the spatial units and spatial beds shall be leading to spatial sky beds.
8. Linear order space matter is the mundane state while the spatial order space content is of subtle state.
9. In others words, while the linear order processing is of macro state features, the spatial order processing is of micro state processing.
10. While in terms of linear order features one can reach up till the orbits, the spatial order feature take us up till the orbitals within the orbits.
11. The linear order features take us up till the sensory field while the spatial order features take us up till the intelligence field.
12. The limit of linear order is up till the solid boundary of hyper cube 4 format, while the limit of the spatial order is up till the hyper solid domain of hyper cube 4.
13. With this, the Vedic Mathematics, Science and Technology features get linked with the spatial order space content of domain of hyper cube 4 and the intelligence field emerging there in.
14. These features of Vedic Mathematics, Science and Technology lead to the corresponding skills interlinked with the consciousness field emerging within the intelligence field.
15. One shall go in trans, time and again and permit the transcending mind to glimpse the phenomena of emergence of intelligence field within creator's space.
One shall go in trans, time and again and perfect one's intelligence and glimpse with perfected intelligence the phenomena of emergence of consciousness field within the intelligence field

VEDIC MATHEMATICS SCIENCE AND TECHNOLOGY SKILLS

1. Vedic Mathematics, Science and Technology basics along hyper cube 4 format are supplied by different features of 4 folds of hyper cube 4 as manifestation layer of spatial order with solid boundary, hyper solid domain and transcendental origin.
2. The solid boundary being of linear order settles the feature of the sensory field.

3. Mind transcends through the solid boundary of hyper cube 4 and enters its domain as spatial order intelligence field.
4. As such, the first skill which is to be learnt by the students of Vedic Mathematics, Science and Technology is to chase the way the mind transcends through the solid boundary of hyper cube 4.
5. The feature of the setup of hyper cube 4 accepting solid boundary of eight components when chased shall be helping acquire a skill the way the solid components three in number, together constitute a solid dimension of half unit to be availed as a half measure for the solid order and the remaining 5 solid components of the boundary of hyper cube 4 to workout is solid dimensional frame for the transcendental world within a hemi-sphere.
6. It is the spatial order of hyper cube format which shall be simultaneously manifesting transcendental world within both the hemi-sphere.
7. It is this transcendental feature of simultaneously emergence of transcendental world within both hemi-spheres which deserves to be chased with perfection of intelligence as it is this comprehension of this feature with which is to make one skillful to chase the phenomena of emergence of transcendental worlds within creator's space.
8. It is in terms of this comprehension that one shall be further acquiring the required skill to chase the phenomena of solid quantifiers being fulfilled within the creator's domain through its transcendental origin.
9. Further as that it is this skill which shall be helping chase the phenomena of transcendence of as well as ascendance through origin of creator's space parallel to the transcendence of Jyoti orb of the sun and the ascendance of Sama from Ayurvedic plants.
10. With creator's domain fulfilled with solid quantifiers as super imposed upon the spatial order of the creator's space there shall be emerging a unique state of simultaneous inward and outward expansions of identical orders of solid domain framed within spatial boundaries.
11. Therefore, in terms of skill, the mathematics science and technology to be worked out would be of spatial features of the dimensional bodies as manifestation layers.
12. It is this unique feature of Vedic Mathematics, Science and Technology handling dimensional bodies as manifestation layers which makes this mathematics science and technology of real potentiality which are no more available for the linear order mathematics science and technology.
13. If the mathematics science and technology of linear order is designated as of first element i.e. EARTH, the Mathematics, Science and Technology of spatial order is designated as of second element i.e. WATER.
14. Naturally, the next phases and stages of mathematics, sciences and technologies are to be of the features of FIRE, AIR, SPACE and SUN and polestar.
15. The central focus of Vedic Mathematics, Science and Technology skills is to be the intelligence field features of creator's domain and the way the creator's domain fulfilled with solid quantifiers to equip the intelligence field with the consciousness feature.
16. Accordingly, while the Vedic Mathematics, Science and Technology basics are to be taken as linked with the intelligence field of the creator's space and the Vedic Mathematics,

Science and Technology skills are to be taken as linked with the consciousness field emerging within the intelligence field.

17. In other words, Vedic Mathematics, Science and Technology basics are linked with creator's domain and intelligence field within it and Vedic Mathematics, Science and Technology skills are linked with the origin of creator's space and the consciousness field emerging within the intelligence field.
18. One shall permit one's mind to go in trans time and again and to chase the way transcending mind glimpses the phenomena of emergence of consciousness field within the intelligence field of creator's domain

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VEDIC GEOMETRY COURSE FOR TRANSITION TO HYPER CUBE 5 FORMAT

1. One may be sure about the knowledge of the Discipline of learning along the format hyper cube 4 only when one can have an idea of the way the required transition from this format to the next format of hyper cube 5 is to be attained.
2. For it, one may recapitulate the way one had a transition from cube format to that of hyper cube format.
3. This transition had been of features of transition from the format of cube as a manifestation layer to that of hyper cube 4 as a manifestation layer.
4. This transition had a focus upon the dimensional orders.
5. This feature of chase of dimensional order, would be of help to workout the transition from spatial order setup of hyper cube 4 as a manifestation layer (2,3,4,5) to hyper cube 5 as a manifestation layer (3,4,5,6) but the additional feature which may facilitate the transition from one manifestation layer to the next consecutive layer is of the transcendental range.
6. The transcendental range is of 5 folds of consecutive dimensional spaces.
7. Illustratively the availability of the transcendental range (1,2,3,4,5) shall be facilitating the grouping for the pair of consecutive manifestation layers, namely (1,2,3,4) and (2,3,4,5).
8. It is this feature of grouping of consecutive manifestation layers along the transcendental range, which would help avail the different roles for spaces to attain required transition from a given manifestation layer to the next manifestation layer.
9. It is working like that of a slide rule, which in the context given manifestation layer (1,2,3,4) and (2,3,4,5), a shift of role for 2 space from boundary fold to that of dimensional fold for it and likewise for 3 space from domain fold to that of boundary fold and so on, the required transition from the setup of first manifestation layer (1,2,3,4) to next manifestation layer (2,3,4,5) can be attained along the transcendental range of 5 folds.
10. The special feature of format hyper cube 5 is that it is of features of representatives regular body of 5 space, while the format of hyper cube 4 is of the features of representatives of regular body of 4 space.
11. Hyper cube 4 being the representative regular body of 4 space, it is of features of manifestation format of 4 folds.

12. On the other hand hyper cube 5 being the representative of regular body of 5 space, it is the feature of transcendental range of 5 folds.
13. As such, while the manifestation format provides working range of 4 folds only, on the other hand working range of transcendental range is of 5 folds.
14. Accordingly while working the Vedic Geometry for transition from manifestation format of 4 folds to that of being transcendental range of 5 folds, the focus is to center around this feature of transcendence along the transcendental range.
15. The connected feature of the transcendental range is that it simultaneously also provide the format of ascendance from one manifestation layer to another manifestation layer parallel to the phenomena of transcendence to one manifestation layer to another manifestation layer.
16. The transcendence and ascendance from one manifestation layer to another manifestation layer run parallel to each other but in opposite orientations, as much as that while transcendence takes place from higher manifestation layer to the lower manifestation layer, the ascendance takes place from lower manifestation lower to higher manifestation layer.
17. This phenomena of simultaneous transcendence and ascendance is of very unique feature along manifested body of dimensional spaces as here dimensional folds and domain folds are simultaneously available. As such transcendence from solid boundary to spatial dimensional order and ascendance from hyper solid domain to solid boundary takes place. It is this working feature of simultaneous transcendence and ascendance deserves to be chased.
18. One shall go and trans time and again and chase the phenomena of transcendence of Jyoti from orb of the SUN (6 space) to space (5 space) and ascendance of SAMA from space (5 space) to orb of the SUN (6 space).*

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EXISTENCE WITHIN FRAMED DOMAIN

1. First test of one's comprehension of 4 space creation is the extent one understand the manifested form of the dimensional bodies.
2. In other words, it may be put as that one is to be conscious about the dimensional content manifesting as domain fold of its body.
3. Illustratively, it is the 3 space content which manifests as domain fold of the cube and expresses as its volume.
4. In fact, it is this "domain" of the cube which focuses about the features of 3 space as space of activities within 3 space.
5. It is this space of activities, as domain fold (of cube), which is to be chased as to the features of the possible activities of different entities permissible within 3 space.
6. This set of features and activities of whole range of activities within 3 space, as such, may be designated as the existence of phenomena (within 3 space).

7. This existence phenomena within domain fold of cube, in fact is the existence phenomena within the framed domain of cube as that the cube is framed and its domain is enveloped within spatial boundary.
8. As such, the existence phenomena for its chase, is to be of the features of existence within a framed domain.
9. It is the linear dimensional frame and spatial boundary of the domain of the cube which regulates the features of activities within the domain fold of cube/3 space
10. In addition, it is the origin fold where stand coordinated the dimensional axes, which has more prominent role to play for the quality of the feature of existence phenomena within the framed domain.
11. Accordingly, the basic focus of the existence phenomena which is to center around the quality of feature of existence because of the role of the origin fold being played for sustains of the framed domain as to be of the feature as it comes to be as to its dimensional order in particular.
12. Therefore the Sadhkas shall permit their mind to go in trans time and again, and to glimpse the role of the origin fold as to the quality of feature of existence phenomena, which as such may be taken as the quality of life.
13. Taking that the quality of life is linked with the origin fold, one shall try to comprehend one's own existence as existence within a framed domain/slab of the format of a physical manifestation layer of which cube is the representative setup features.
14. It may be a good exercise for the Sadhkas to go in trans time and again and to chase oneself as framed phenomena of the format of the slab form of manifestation layer.
15. It may be interesting feature of our existence phenomena to be viewed as a set of manifestation layers/a set of slabs being the framed domains of the format of a cube as a representative regular body of 3 space.

The Sadhkas may further satisfy their urge to know more as the way this feature and aspect may be approached and comprehended, may go through the relevant chase of the scripture YOG VASHISHAT about the way *Brahm Rishi Vashishat* had accompanied *Vidyadhari* within her abode within *SHILA/SLAB* Where Vashishat had a face to face meeting with Lord Brahma

SPACE WITHIN CAVITY OF HEART

1. One shall sit comfortably and permit the mind to transcend through the framed domain existence of phenomena of slab of the format of 4 fold manifestation layer of a cube and glimpse its origin fold.

2. One shall glimpse the space of origin fold as the space of cavity of one's heart.
 3. The origin fold being of the format of hyper cube 4, as such there is a seat of Lordship (5 head lord) within the cavity of the heart of Lord Brahma (4 head Lord).
 4. With Lord Brahma Meditating upon His Lord (Lordship) in cavity of his heart/origin fold of hyper cube 4 format, Lord Brahma multiplies 10 fold in Shivlok (5 space having hyper cube 5 as its representative regular body and domain boundary ratio of it being $A^5 : 10B^4$), and with it there is a change of role of 4 space from that of domain fold to boundary fold.
 5. It is this transcendental transition phenomena happening within cavity of heart which deserves to be chased.
 6. In addition to the experiential glimpse of transcendental transition within cavity of heart, one may perfect one's intelligence as to the intellectual chase of transition from manifestation format to the transcendental range.
 7. In the context of existence phenomena in its generality within framed domains of slabs/cubes format, the focus is to be as to the special feature of its origin fold as the origin source reservoir of quality of life as it been the seat of creator Himself.
 8. As such, the Sadhkas shall be learning the basic skill of transcendence and ascendance within cavity of one's heart.
 9. This transcendental phenomena of transcending mind within cavity of heart deserves to be chased time and again.
 10. It is in terms of the attainment of this feature and skill of the transcending mind that one may evaluate one's success of learning along the format of hyper cube 4.
 11. It is in terms of this attainment of this feature and skill of transcending mind glimpsing the existence worlds within the "Slab" that one may be attaining the privilege of being face to face within "Lord Brahma"/Creator the Supreme accepting His seat within the "slab".
 12. The whole range of applied values of Vedic Mathematics, Science and Technology of hyper cube 4 format, as such, can be attained in terms of the above feature and skill of the transcending mind as to be of the feature of being face to face with the creator the supreme.
 13. This attainment has the further promise of unfolding for the transcending mind the whole range of feature of transcendental worlds as of the order of DWADASH ADITYAS/12 SUNS Manifesting 12 fold transcendental boundary for hyper cube 6.
 14. This is a step of attainment of perfection of intelligence of the Sadhkas glimpsing and chasing the phenomena of emergence of consciousness field within the intelligence field.
 15. It is the slab of "consciousness" which sustains within it the whole range of existence phenomena of transcendental worlds.
- The Sadhkas shall sit comfortably and permit there transcending mind to glimpse the existence phenomena of transcendental worlds within slabs of consciousness

1. One shall continue practice of glimpsing the Universes within the SLAB.

2. The scriptures focused time and again as that the practice (*Abhyas*) is essential for this potentiality.
3. The dialogue between *Brahm Rishi VASHISHAT* and *Vidyadhari* (Sargas 66-67 of Nirvan Prakaran Uttrayan) is about this aspect as to how the practice place its role for attaining potentiality for glimpsing the Universes lively within the SLAB.
4. One shall, as such sit comfortably and permit the mind to transcendence time and again, and to glimpse the universes lively within the SLAB.
5. One shall with practice be acquiring potentiality of transcendence through the inner layers of the universes lively within the SLAB and shall be glimpsing the transcendental worlds as well as inner most fold of the transcendental worlds there in.
6. The scripture (Yog Vashishat, from Sargas 68 onwards of Nirvan Prakaran Uttrayan,) is taking us to the state of the inner folds inner most fold of transcendental worlds of hyper cube 5 format as a manifestation layer (3,4,5,6).
7. Beginning with the format of a cube as 3 space domain in the role of dimension and sequentially being through the role of 3 space, firstly as of boundary fold of hyper cube 4, secondly as of dimension fold of hyper cube 5 and finally as dimensional axes emanating from origin fold of hyper cube 6 format, one shall be having a blissful experience of glimpsing the whole range of manifestations of Universes within the SLAB.
8. It is this blissful experience which shall be taking us through the sequentially state of SLAB firstly as that of a physical cube format knowable as sensory field, secondly as the micro state of SLAB knowable as intelligence field, thirdly the inner fold of micro state knowable of the consciousness field and ahead there being the inner folds of the transcendental worlds of the format of consciousness SLAB and finally as the inner most fold of transcendental worlds of consciousness SLAB itself.
9. This blissful experience shall be sequentially unfolding for the transcending mind the distinct spheres of existence phenomena of Universes as spheres within spheres of 5 fold transcendental range.
10. This potentiality of transcendence along the transcendence range of 5 folds spheres of inward expansion is acquired by the Sadhkas with practice, which in the language of *Yoga-Nishta* is designated as 5 folds coverings path (*Panchvaritti*).
11. The nearest parallel to it may be had from the modern approach to the periodic table of atoms accepting organizations arrangements for the electronics configuration of atomic setups as orbitals within orbits.
12. The study zone of Shrimad Bhagwat Geeta as well enlightens us up till the state of inner most fold of the transcendental worlds as being of the format of hyper cube 6.
13. However, the transcendental processing is not to be only of this stage and the *Sadhana* is to continue ahead to glimpse the *Brhaman* domain as the ultimate glimpsing domain.
14. The intellectual beginning for its may be had by approaching the universal range along “artifice 9”.
15. This learning process is to avail the organization arrangements of “9 Vowels”.
16. The organization arrangements of 9 Vowels with themselves, and parallel to then the organization arrangements of 9 numerals with themselves would deserve to be chased.

17. In the context the intellectual games of numbers, like that of “SUDOKU GRID” may be of help for many.
18. It may be attempted to workout the mathematics at the base of SUDOKU GRID.
19. Here is indicated, one of the ways, as to how this discipline may be approached:

INTRODUCTORY: SUDOKU GRID 9*9”

11	12	13	14	15	16	17	18	19
21	22	23	24	25	26	27	28	29
31	32	33	34	35	36	37	38	39
41	42	43	44	45	46	47	48	49
51	52	53	54	55	56	57	58	59
61	62	63	64	65	66	67	68	69
71	72	73	74	75	76	77	78	79
81	82	83	84	85	86	87	88	89
91	92	93	94	95	96	97	98	99

1. SUDOKU Grid is of 9*9 format.
2. These 81 grid zones (squares) have distinct addresses because of their specific placements along the grid format.
3. One way to address these placements with the help of numbers is as above availing sequential arrangement of double digit numbers of 10 place value system.
4. One basic feature following about choice of double digits numbers is that it accepts all possible pairings of numerals 1,2,3,4,5,6,7,8,9 with themselves.
5. One may see that these 81 combinations of 9 numerals with themselves constituting double digits numbers are the only possible set of double digits numbers amongst the range 1 to 100.
6. The numerals 1,2,3,4,5,6,7,8,9 being single digits numbers and 10,20,30,40,50,60,70,80,90 being double digits numbers but availing place value “0”, as such, these 18 numbers are constituting a distinct class of numbers amongst the numbers 1 to 100.
7. The number “100” is a three digits number and also avails place value “0”, and accordingly it in itself constitutes a distinct class of a single triple digit number amongst the range 1 to 100.

FOCUS:

1. The focus of this lesson is to introduce the SUDOKU GRID in terms of addresses of its all 81 Grid zones.
2. The way of supplying distinct addresses for all the 81 Grid zones has been introduced.

3. The way artifices of double digits numbers have been tailored here by pairing 9 numerals with themselves has inherently been of advantage that it straight way helps to bring it within the mathematics domain.

The ancient wisdom while working with 9 Vowels settles 9*9 format for combinations of Vowels with themselves to bring the working rules within the domain of *Brahm Vidya* as discipline of artifice “9”.

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BRAHMA WITHIN THE SLAB

1. “Brahma” is creator the supreme.
2. With practice, one can see the seat of creator within the Slab.
3. One can see that the center/origin of Slab/cube is the meeting point of four diagonals.
4. One can also see that center/origin of Cube is the meeting point of eight sub-cubes.
5. One shall go on focusing one’s attention upon the different features of the setup of the center/origin of cube.
6. One shall be eventually glimpsing a flash around the center/origin of the cube about it being of a distinct format of features of hyper cube 4 as a space and enveloped within a solid boundary of eight components.
7. The transcending mind shall be glimpsing the center/origin of cube being a seat of the creator as it being of the format of idol of four head Lord.
8. The glimpsing of distinct *Brahma* within a Slab, as such shall be a blissful experience.
9. The perfection of intelligence through such blissful experience shall be equipping the transcending mind with an eye which shall be seeing distinct Brahmas within distinct Slabs being the transcendental phenomena of simultaneous manifestation of the creator the supreme in many fold and marking his presence in ivory creation.
10. It is this attainment of the transcendental eye of the transcending mind which transcendently transformed the consciousness state to have sustenance of the transcendental eye.
11. For perfection of this consciousness state, one has to be through trans time and again.
12. One shall sit comfortably and have prolonged seating of trans affording full opportunity for the transcending mind to glimpse the transcendental phenomena of different states of consciousness.
13. With prolonged sitting, one shall be glimpsing that, Lord Brahma, Creator the Supreme, as well is glimpsing its creations transcending into the transcendental worlds with grace of the transcendental Lord having seat in the cavity of heart of the creator.
14. With it the transcending mind shall be blessed with an enlightenment as that the creative powers of Lord Brahma, the creator the supreme, are there because of the grace of the Lord of the transcendental worlds.
15. Scripture enlighten as that the transcendental Lord himself with a seat in the cavity of heart Lord Brahma as well continuously go in trans to glimpse the flow of creative powers

through the reed connecting lotus of heart with naval of Lord Vishnu blissfully glimpsing the flow of transcendental grace.

16. Blessed are the Sadhkas who are privileged to be through prolonged sittings of trans to be in the rare state of witnessing the unique Brhaman grace reaching the transcending mind through reed of the lotus of heart of Creator the Supreme emanating the naval of Lord Vishnu in Brahman bliss state.
17. Blissful is the chase of transcending mind glimpsing Lord Brahma, Creator Supreme with His seat within the slab and Lord blissfully meditating upon the Lord of transcendental world with seat within cavity of heart of Lord Brahman and the transcendental world blissfully floating within the reed of the lotus of heart of the creator emanating from the naval of Lord Vishnu as sustainer of creation of phenomena.
18. Further blessed is the chased of transcending mind attaining privilege the state of glimpsing the way the Brahman grace fulfill Lord Vishnu, the sustainer of creation with transcendental feature flowing through the reed of the lotus under the transcendental governance of the transcendental Lord.

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GLIMPING THE CREATOR'S RANGE WITHIN THE SLAB

1. Sequentially one shall glimpse through the whole of creature range within the Slab (3 space).
2. Beginning with the lotus seat of eight petals' Creature Himself (4 space), the transcending mind shall be availing the privilege to transcend through the REED of the LOTUS as range of transcendental worlds (5 space) leading up till the inner most layer of the transcendental world as "NAVEL" of Lord Vishnu.
3. The transcending mind shall be glimpsing the innermost layer of the transcendental world as NAVEL of Lord Vishnu (6 space).
4. This transcendence path beginning with 3 space format (Slab) and reaching up till Navel of Lord Vishnu (6 space) is of 4 fold manifestation features of a layer (3,4,5,6,)/(3 space as dimension fold, 4 space as a boundary fold, 5 space as transcendental domain and 6 space as sustaining origin).
5. For the privilege of the glimpsing the Brahman grace, the transcending mind is to transcendence further along the manifestation layer (6,7,8,9/6 space as dimension fold, 7 space as boundary fold, 8 space as domain fold and 9 space as origin fold).

6. This transcendental phenomena as well as approached by the transcending mind availing transcendence and ascendance of the Brahman grace as transcendence range (9,8,7,6,5) and as ascendance range (1,2,3,4,5).
7. One shall be conscious of the transcendental joint of the transcendental worlds emerging as Brhaman grace for the transcendental worlds.
8. While approaching through manifested creation formats, one is bound to be of illusion (*Maya*) of the transcendental joint which is there as transcendental grace (*Lila*).
9. “*Maya* and *Lila*” are two distinct aspects of creator’s range about which one is to be fully conscious while aspiring for the Brahman bliss.
10. The way manifestation layers flow along the transcendental range and the way the transcendental ranges unify are two distinct faces and stages which need be crossed to have coverage of the creator’s range within the Slab/Cube/Manifested Entity/Framed Domain.
11. To be along the path of framed domains, one may begin with the linear Slab (3 space), and to be sequentially through the spatial Slab (6 space) and the ultimate solid Slab (9 space).
12. To be along the path of manifested layer, one may begin with the manifestation layer (0,1,2,3) and to be through (3,4,5,6) and (6,7,8,9).
13. While being through the transcendental path one is to ascend along the transcendental range (1,2,3,4,5) and transcend through (9,8,7,6,5).
14. The transcendental range within creator’s space being of a spatial order, splits two fold, as distinct pair of ranges (1,3,5,7,9) and (0,2,4,6,8).
15. The framed domains, as such avail above pair of transcendental ranges, for its domain and for its boundary, as illustratively for a Slab/Cube as (3 space as domain/domain fold and 2 space as boundary/boundary fold).
16. The transcendental range (1,3,5,7,9) sequentially take us from dimension to domain doing ascends and through domain to dimension during transcendence.
17. The simultaneous transcendence and ascendance take us to the middle of the range, which is of artifice 5, parallel to the transcendental worlds.
18. It is this transcendental feature of creator’s space fixing the transcendental worlds within it which deserves to be chased well.
19. The scriptures enlighten us about it as the transcendental phenomena, designated and known as *DIVYA GANGA* which formally may be defined and expressed as that the *Brhaman* grace flows through the *BINDU SAROVAR* of sole syllable *OM* and ahead it manifests as three steams and a single stream.
20. With this the *Brahman* Grace path manifests along with all transcendental features within the creator’s space unfolding along artifices format of sole syllable *OM* in terms of which the transcending mind can glimpse through and chase all the transcendental systems together as pure and applied knowledge of whole range of *VEDAS* as single Discipline.

1. The focus is as that the creator's range may be sequentially chased as the Brahman range (1,2,3,4,5,6,7,8,9) as ascendance range (1,2,3,4,5) and as transcendence range (9,8,7,6,5).
2. This range also can be chased within creator's space as ascendance range (1,3,5,7,9) and same also can be chased as a transcendence range (9,7,5,3,1).
3. This transcendence and ascendance phenomena can be simultaneously chased along the four fold artifices of OM as (9,7) and as (1,3) and the transcendental worlds shall be unifying of their own because of Brahman grace.
4. It is this chase through the artifices of OM and transcendental attainment of transcendental worlds within creator's space and parallel to it the emergence of consciousness field within intelligence field, which is of central focus of Vedic systems being availed by Vedic Mathematics, Science and Technology. .*

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FOCUS POINT SPATIAL ORDER

1. First focus of Vedic Mathematics, Sciences and Technologies of 4-space is about its spatial order.
2. Spatial Order, formally may be defined as the dimensions/axes to be of spatial format.
3. In other worlds, the dimensions/axes of 4 space are of spatial expressions.
4. Still in other worlds, it to be taken as that 2 space/plane surface is supplying the format for "dimension" of 4 space.
5. While approaching, in terms of artifices of numbers, the dimensional units of 4 space be taken as "2 as 1".
6. While approaching, in terms of linear axes, the spatial dimension may be taken as a "Pair of axes."
7. Within a linear axes frame for the spatial dimension, the spatial unit shall be accepting expression as 1^2 .
8. Further, the spatial unit 1^2 shall be accepting organization arrangement for itself as $1^2=1*1=1/2*2/1$.
9. The linear approach for spatial order, as such, is going to be of a pair of alternatives of working with "half", as well as working with "double."
10. The artifices approach to spatial order as "artifices 2" shall be making the arithmetic of spatial order as of operations of "Dimonad".
11. "Dimonad", formally may be defined as an interval of two units.
12. It also may be defined as a pair of interconnected spheres.
13. Still further, the Dimonad may be taken as of a feature of "Area Unit" as comparison to monad being of a feature of "length unit".
14. While monad is to be taken as of an expression format of linear boundary of a square/circle, the Dimonad is to be taken as of expression format of spatial domain of square/circle.
15. Dimonad as a pair of monads is of feature as "two" is a pair of "ones".

16. One may appreciate the unified wholeness of “Dimonad” being an interval of 2 units which shall not be permitting its split as a pair of intervals of identical formats as of open intervals or half open intervals or of closed intervals.
17. An attempt to split an interval of two units shall be bringing us face to face with a situation as to how a single point shall be making the whole difference for the pair of parts of the original interval.
18. Both the parts of an interval of two units may be of unit length but still while one of it would be of open and other to be of closed end with the middle point being part of one or the other.
19. This, this way, makes the middle/joint/unifying point of an interval of two units, as to be of central focus.
20. As such, the focus of spatial order is to be taken as its unifying joint for its pair of monads and that this transcendental grace is at work with unification of the transcendental worlds during the *DIVYA GANGA FLOW*.

TRANSCENDENTAL EXERCISE

One shall permit the mind to glimpse the phenomena of unification of transcendental worlds through *DIVYA GANGA FLOW* along the artifices of sole syllable *OM*.

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FOCUS POINT FOUR DIMENSION

1. In the background of the first focus of Vedic Mathematics, Sciences and Technologies of 4 space about its spatial order, the next focus point is about its 4 dimension as comparison to 3 dimensions of Slab/Cube.
2. As such, the setup of hyper cube 4 format distinguishing itself from that of the format of the Cube, not only in terms of the expression formats for the dimensions but also in respect of number of their dimensions as well.
3. The scriptures focus about these features together as that Lord Brahma is a four head Lord with its each head being equipped with a pair of eyes.
4. Four heads of Lord Brahma are parallel to four dimensions of 4 space/hyper cube 4.
5. Each dimension being of complete sets of features contributing distinctively for the structural features of the domain fold, as such the organization of knowledge availing this organization format emerges to be as four distinct Vedas.
6. Accordingly, scriptures preserves the enlightenment as that the first Veda namely, the Rig Veda knowledge is unfolded by the creator through its first mouth.
7. The knowledge of second Veda namely of Yajur Veda is unfolded by the creator through His second mouth.
8. The knowledge of third Veda namely of SAMA Veda is unfolded by the creator through His third mouth.
9. The knowledge of fourth Veda namely of Atharv Veda is unfolded by the creator through His fourth mouth.

10. It is this quarter by quarter approach which is sequentially followed in this scripture as different folds of sole syllable *OM*, unfolding, firstly *OM* as *OM*, secondly *OM* as *PARNAVA*, thirdly *OM* as *AUM* and finally *OM* as *OMKAR*.
11. These four folds being the states of sole syllable *OM* as such these may be taken as of identical features but simultaneously as these being of sequential arrangement of four distinct quarters, as such each of these folds deserves to be approached as per their distinct features of concerned quarters.
12. These four folds as four distinct states of sole syllable *OM*, when approached along artifices of numbers makes 1 as 4 and 4 as 1.
13. With this, four as one, and four as tetra-monad, the said four folds/states shall be permitting sequentially coordination as 1,2,3,4 and parallel to it would follow the dimensional bodies, namely interval, square, cube and hyper cube 4 and there by this shall constituting a measuring rod for 4 space.
14. It is this way, that these four folds as four distinct states deserve to be chased parallel to the four head of creator the supreme.
15. As such, this four folds approach has grand unification along the format of hyper cube 4 which even has been accepted by creator himself for manifestation of his own idol.
16. The transcendental feature of this grand unification take us to attainments of the order of the creator being the presiding deity of measure of measuring rod of Vishnu-Lok/Sun/Pursha format and whole range of applied values of Sathapatya Upved of Atharv-Ved.
17. Students of Vedic Mathematics, Sciences and Technologies of creator's space shall comprehend both these feature well.
18. One shall permit one's mind to transcendence through the creator's space with focus upon pair of these features.

TRANSCENDENTAL EXERCISE

It may be a blissful exercise for the Sadhkas to sequentially transcendence through the four dimension of spatial order of creator's space.

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FOCUS POINT FOUR FOLD MANIFESTATION

1. Four spatial dimensions leading to a four fold measuring rod focuses upon the four fold manifestation format of hyper cube 4 as representative regular body of 4 space.
2. Amongst other feature of this format, one feature of it, which is central importance is to have flow for the dimensional contents by having transition through their different states.
3. In manifestation format, as such emerges as a manifestation layer, which illustratively in the context of 3 space (solid) content, beginning its linear dimensional order (as 1 space dimensional content as domain) transits into as boundary of spatial boundary (as 0 space content as domain).

4. With the help of other illustrative situation, it may be chased the flow of solid content (of 3 space) as domain transiting to boundary of 4 space and to dimensional order of 5 space and ultimately as dimensional axes emanating from 6 space as origin source reservoir.
5. These four folds corresponding to four positional states (of solid content or as a matter of fact, any dimensional content) together manifest a flow of dimensional content along a layer format.
6. The students of Vedic Mathematics, Sciences and Technologies comprehend and chase this applied value of Vedic's systems.
7. The layer format of flow of dimensional contents, sequentially transiting through their four distinct states making them of desired features for transcendence through a given manifestation format to the next manifestation format, is chased as the phenomena of sequential transition for first four basic elements, namely, Earth, Water, Fire and Air.
8. This macro state of sequential flow along the manifestation layer of four folds, under its unique mechanism of spatial order of creator's space, also makes available the similar format for the flow within each of its four folds, viz, for flow transition firstly from first element, namely, Earth to the second element, namely, Water and so on.
9. This simultaneous flow is of features of transitions at macro as well as at micro level.
10. It works out as a spatial order of the creator's space as of a grid format and it is, in terms of it, that the grid zones get coordinated in terms of the diagonals of the spatial zones.
11. With it the walking focus of the spatial order gets centered around the centers of the grid zones coordinated through the diagonals of the grids.
12. This focus upon the centers of grid zones and their coordination in terms of diagonals works out a mechanism of simultaneous handling of ascendance and transcendence through grid zones with the help of the triple grids formats super imposed upon each other, and designated as the base grid, central grid and upper grid.
13. The central grid is sustained by the base grid such that the centers of grid zones of base grid manifesting as the grid corners of the central grid.
14. The upper grid is so superimposed as that its corners are of placements as of the corners of the base grid.
15. This formation of grids, may formally be designated and named as *Vrishni* formation.
16. This arrangement of *Vrishni* formation during ascendance and transcendence takes from spatial order to hyper spatial and super hyper spatial orders and to their reverse as from super spatial order to hyper spatial order and ultimately to the spatial order.
17. The Sadhkas shall permit their transcending mind to be through these orders as content flow of the states of first three elements, namely, Earth, Water and Fire as spatial order, hyper spatial order and super spatial order within creator's space.
18. Parallel to it may be chased the phenomena of sensory field, intellectual field and the consciousness field as glimpses domains of physical eye, intellectual eye and transcendental eye.

EXPERIENTIAL EXERCISES

One shall go in trans time and again availing *Vrishni* format and to chase the super spatial, hyper spatial and spatial orders.

REVISITING THE GYAN YAJANA STEPS

1. One may have a pause here and revisit the Gyan Yajna steps.
2. It is a twelve years gyan Yajna.
3. Each year is to be approached as of four quarters.
4. Each quarter is to be approached as twelve weeks duration spreading over three months.
5. Each week is to be approached as of five days duration.
6. This way five steps a day and sixty steps a quarter shall be making a total range of 240 steps a year.
7. Here we are in the first quarter, and in its 51st step (may be taken as 51 lesson).
8. This step / lesson, this day is being devoted for revisiting the Gyan Yajna steps.
9. As such one shall be through the previous fifty steps taken so far to have a fresh look of the attainment so far.
10. This year is devoted to 'Creator space (4 space)' and its four quarter are sequentially to be approached as 'creator space (4 space)', 'unity state alphabet', 'incarnations' and Vedic technology.

REVISITING THE ONE'S APPROACH

1. Here one shall again have a pause and revisit one's own approach of the Gyan Yajna attainments.
2. Creator space (4 space) is the space of values embedded in each creation.
3. One shall approach oneself as a 'created one'.
4. Being a created one, it has law of creations to be followed and obeyed.
5. As such one shall always consciously go for reevaluating one self.
6. The more one will be serious about one self, the more one will be knowing that least he knows is about himself.
7. This expending ignorance, consciousness shall be a cause for intensifying one's urge to know more and more about one self.
8. It is this urge and its intensity which shall be silently playing its role.
9. At every opportunity one shall have a fresh look at one's ignorance and intensify one's urge to know more and more about one self.
10. This as a result shall be at every step focusing one's attention towards features and values of creator space (4 space).

REVISITING SUN TO EARTH RANGE

1. This shall be silently putting the intensity of urge to know along Earth to Sun range.
2. It is chase of Earth to Sun range which shall be satisfying about the mysteries of our existence phenomenon.
3. Ancient wisdom approaches Earth to Sun range as Yoga Nishtha along geometric format.
4. And as Sankhya Nishtha, this range is approached along artifices of numbers.
5. The artifices of numbers range parallel to Earth to Sun range is of artifices 1 to 6.
6. The geometric formats range parallel to Earth to Sun range is of formats of 1-space to 6-space.
7. Further parallel to it is the range of hyper cubes 1 to 6 being the representative regular bodies of 1 to 6-space.
8. Sathapatya Ved approaches it in terms of a measuring rod synthesised by hyper cubes 1 to 6.
9. Parallel to it is the Shad Chakra format of human frame.
10. One shall sit comfortably and permit the transcending mind to chase Earth to Sun range time and again.

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REVISITING FEATURES OF CREATOR'S SPACE

1. One shall continuously take the exercise of chasing the features of creator space (4 space).
2. This chase may be parallel to the features of idol of Lord Brahma, creator the supreme.
3. It is to be of the format of hyper cube 4.
4. Further it may be of the order of manifestation layer (1, 2, 3, 4).
5. In general it may be of the order of four fold manifestation layer (N, N+1, N+2, N+3) for all values of N.
6. It shall be bringing to focus 4 x 4 format for different roles of each space.
7. In particular, 4-space itself, for its different roles shall be of the expression format

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
8. This as such shall be availing the unity state range (1, 2, 3, 4,5 , 6, 7).
9. It as such shall be the expression range of (1-space, 2-space, 3-space, 4-space, 5-space, 6-space, 7-space) / (range of 7-space of consciousness).
10. It as such shall be extending Earth to Sun range to Earth to Pole Star range.

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REVISITING ONE'S EVALUATION OF ONESELF

1. For revisiting one's evaluation of oneself, one is to avail the seven consciousness states range.
2. It begins with waking state and takes up till the unity state of consciousness.
3. Parallel to it would be the Earth to Pole star range (Earth, Water, Fire, Air, Space, Sun, Pole Star).
4. Sequentially one shall be transiting from Earth element to Water element and parallel to it would be the transition from waking state of consciousness to dream state of consciousness.
5. Likewise, a step ahead there would be a transition from Water element to Fire element and parallel to it there would be a transition from dream state of consciousness to deep sleep state of consciousness.
6. Ahead transition from Fire to Air element would run parallel to transition from Deep sleep state of consciousness to cosmic state of consciousness.
7. Ahead, Air to Space would be parallel to cosmic state to transcendental state.
8. And still ahead from Space to Sun would be parallel to transcendental state to God state.
9. And finely from Sun to Pole Star would be parallel to God state to unity state of consciousness.
10. As such one is to learn unity state of consciousness alphabet to have chase of one's own evaluation of oneself.

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GYAN YAJANA: CONCEPT AND STEPS

1. Gyan yajna concept and steps of first year are all about creator space (4 space).
2. It is all about the way Lord Brahma, Creator the Supreme creates.
3. It is also all about the values range of all creations.
4. It is also about the way values of creations manifest and express.
5. As to know the way one is to chase one's evaluation of oneself by learning unity state consciousness alphabet, as such after knowing about creator space (4 space), the next step would be to know about unity state alphabet.
6. From unity state alphabet, one is to know the way incarnations emerge and manifest.
7. It would be all about Vedic technology / Discipline of Vedic mathematics, science and technology of Pursha format.
8. This as such, would run over the sections 'creator space (4 space), manifestation layer, transcendental worlds and transcendental ranges'.
9. Unity state alphabet is to be about the manifestation layer (4, 5, 6, 7).
10. Incarnations and Vedic technology are to be about the transcendental ranges formats of transcendental worlds.

CREATOR'S SPACE

1. Creator space (4 space) is to be chased for applied values of its four fold manifestation format.
2. This chase, as such shall be chase of hyper cubes.
3. As well it shall be chase of manifestation layers.
4. The feature of manifestation layers which permits transcendence inter-se the manifestation layers shall be of central focus.
5. It shall be transiting to the transcendental ranges.
6. Transcendental range being of five fold, it would amount to synthesing and additional fold for the manifestation layers.
7. A step ahead it shall be leading to self referral ranges of 6 folds.
8. And step ahead there would be a seven folds expressions for the unity state expressions.
9. It is this sequential extension for manifestation layers for their unity state expressions, which becomes the blissful fruit of the knowledge of creator space (4 space).
10. This, this way would focus upon transitions from manifestation layers to transcendental worlds and upon the transcendental ranges.

MANIFESTATION LAYER

1. Manifestation layer as expression of dimensional body deserve to be sequentially chase.
2. One may begin with cube as representative regular body of 3-space and have its chase as a manifestation layer (1, 2, 3, 4).
3. Here 1-space plays the role of dimension, 2-space plays the role of boundary, 3-space as domain and 4-space as origin.
4. A step ahead hyper cube 4 shall be of expression format of manifestation layer (2, 3, 4, 5).
5. Here 2-space shall be playing the role of dimension.
6. As many as four spatial dimensions shall be constituting a four dimensional frame.
7. Ancient wisdom approaches it as Swastik.

8. The solid boundary of hyper cube 4 is of eight components.
9. It is parallel to a cut of 3-space into 8 octants.
10. And at the center of the cube is lively 4-space itself as hyper cube 4 of the features of idol of Lord Brahma, creator the supreme.

TRANSCENDENTAL WORLDS

1. Transcendental worlds are lively at the origin of creator space (4 space).
2. It is of the features of idol of Lord Shiv.
3. It is a five dimensional solid order space.
4. It is of the manifestation layer expression format (3, 4, 5, 6).
5. Solid order is parallel to triple eyes in each of the five heads of Lord Shiv.
6. Five heads are parallel to five dimensions.
7. Transcendental worlds have creative boundary.
8. And have self referral origin.
9. These features of transcendental worlds make them really transcendental.
10. One shall sit comfortably and permit the transcending mind to remain in deep sittings of trans to glimpse these transcendental feature of the manifestation layer (3, 4, 5, 6) as expression format of hyper cube 5 being the representative regular body of 5-space /transcendental worlds.

TRANSCENDENTAL RANGES

1. Transcendental ranges are of five folds.
2. These have additional fold for the respected manifestation layers.
3. Fifth fold is the base of the origin fold.
4. As origin itself gets base, as such the origin values get fountained within dimensional domain.
5. It is this feature of origin values getting fountained into the dimensional domain, which deserve to be chased.
6. It would be the phenomenon of the creator space (4 space) getting fulfilled with transcendental values.
7. With it the manifestation layer (2, 3, 4, 5) shall be transiting and transforming into the manifestation layer (3, 4, 5, 6).
8. This transition and transformation process deserve to be chased.
9. It would bring to focus, in reverse orientation, a process of transition and transformation from manifestation layers into transcendental ranges as a transcendence phenomenon.
10. One shall sit comfortably and permit the transcending mind and chase this phenomenon.

UNITY STATE ALPHABET

1. Unity state alphabet is of features and values of unity state consciousness.
2. Being of the features and values of the unity state consciousness, the unity state alphabet attains unity state consciousness for the sadkhas.
3. Sadkhas / students of unity state alphabet urge to attain unity state of consciousness in terms of features of unity state alphabet, in fact being, the features of unity state of consciousness itself.
4. In other worlds, features of unity state of consciousness, constitute alphabet of unity state of consciousness itself, and as such it is designated as unity state alphabet.
5. Unity state of consciousness is the seventh state of consciousness and as such it of the order and features of 7-space itself.
6. 7-space is of transcendental order.
7. 7-space as origin fold is the forth fold of the manifestation layer (4, 5, 6, 7).
8. Transcendental order is provided by 5-space in the role of dimension.
9. 5-space as origin fold is the fourth fold of the manifestation layer (2, 3, 4, 5).
10. As such for script form, format and features of unity state alphabet, the pair of manifestation layers, namely (4, 5, 6, 7) and (2, 3, 4, 5) have basic role to play.

ROLE OF PAIR OF MANIFESTATION LAYERS (4, 5, 6, 7) AND (2, 3, 4, 5)

1. To approach unity state alphabet for its features and values, first of all, one shall focus upon the role of pair of manifestation layers (4, 5, 6, 7) and (2, 3, 4, 5).
2. The manifestation layer (4, 5, 6, 7) is of creative dimensional order as that here 4-space plays the role of dimension.
3. Further it is of transcendental boundary as 5-space plays the role of boundary of self referral domain.
4. Still further it is of self referral feature as that here 6-space plays the role of domain / self referral domain.
5. Above all, 7-space being the origin fold as such source origin of self referral domain is of unity state consciousness values.
6. Therefore self referral domain, in the process gets fulfilled with unity state consciousness values and features.

7. The manifestation layer (2, 3, 4, 5) is in a way a dimensional order of the manifestation layer (4, 5, 6, 7) as that every fold of (2, 3, 4, 5) respectively plays the role of the dimension of the corresponding folds of the manifestation layer (4, 5, 6, 7).
8. With it, it emerges as that, the different folds of the manifestation layer (2, 3, 4, 5) shall be playing the role of dimension for the corresponding folds of the manifestation layer (4, 5, 6, 7).
9. Further with it, it would emerge that the script form, frame, format and features of the unity state alphabet letters would be settled in terms of the features of the manifestation layer (2, 3, 4, 5).
10. The organization format of such letters as of the order and values of the manifestation layer (2, 3, 4, 5) shall be of the potentialities for ensuring attainment of the unity state of consciousness as the origin fold of the manifestation layer (4, 5, 6, 7).

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SCRIPT FORM, FRAME, FORMAT AND FEATURES

1. Four folds of the manifestation layer (2, 3, 4, 5) respectively provide for script form, frame, format and features of the letters of unity state alphabet.
2. Script forum of the letters are provided by 2-space in the role of dimension / spatial order.
3. Square / circle / surface, as such shall be providing script forum for the letters.
4. As 5-space, as origin source manifestation layer (2, 3, 4, 5) is to provide for the features of alphabet letters, as such this alphabet is designated and is known as Devnagri alphabet / gods city language alphabet (of transcendental values).
5. With it is to be taken as that the script form of Devnagri alphabet letters is settled by the spatial order / 2-space in the role of dimension / square / circle / surface.
6. It is this spatial feature of the script form which deserve to be chased letter by letter, as well on the whole.
7. For its appreciation, one shall have a fresh look at the script form of Devnagri alphabet reaching us and being availed at present.
8. Its specific classification as vowels, consonants and yamas may be approached category wise.
9. Consonants divisions as varga consonants, Anthstha and Usmana as well may be approached division wise.
10. Yamas, self contained sequential order, as such may be approached in that sequence and order.

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DEVNAGRI ALPHABET SCRIPT FORM REACHING US

The Devnagri alphabet script form is reaching us as follows:-

अ इ उ ऋ लृ ए ओ ऐ औ

VARGA CONSONANTS

Following are the 5x5 varga consonants of devnagri alphabet.

क ख ग घ ङ

च छ ज झ ञ

ट ठ ड ढ ण

त थ द ध न

प फ ब भ म

ANTHSTHA USHMANA LETTERS

Anthstha letters: Following are the four anthstha letters.

य व र ल

Ushmana letters: Following are the four ushmana letters.

श ष स ह

Composite letters: Following are the three composite letters

क्ष त्र ज्ञ

Yama letters: Following are the eight yama letters.

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VOWELS RANGE

1. Vowels range of Devnagri alphabet is nine steps long.
2. The sequential order of this range is as
इ उ ऋ लृ ए ओ ऐ औ
3. Parallel artifices range is
(1, 2, 3, 4, 5, 6, 7, 8, 9).
4. Another parallel dimensional spaces range is

- 1-space, 2-space, 3-space, 4-space, 5-space, 6-space, 7-space, 8-space, 9-space
5. Hyper cubes sequence range of nine steps would be
HC-1, HC-2, HC-3, HC-4, HC-5, HC-6, HC-7, HC-8, HC-9
 6. These hyper cubes as tracks of Bindu Sarovar / structured points shall be of the range values :-
HC-1 as a track of a Bindu Sarovar of 0-space domain
HC-2 as a track of a Bindu Sarovar of 1-space domain
HC-3 as a track of a Bindu Sarovar of 2-space domain
HC-4 as a track of a Bindu Sarovar of 3-space domain
HC-5 as a track of a Bindu Sarovar of 4-space domain
HC-6 as a track of a Bindu Sarovar of 5-space domain
HC-7 as a track of a Bindu Sarovar of 6-space domain
HC-8 as a track of a Bindu Sarovar of 7-space domain
HC-9 as a track of a Bindu Sarovar of 8-space domain
 7. As parallel to linear track, there may be a circular track, like circumference corresponding to straight line, as such there would be a pair of track forms.
 8. As each track would permit split as beginning, middle and end, as such every format accordingly shall be of three parts.
 9. Parallel manifestation layers sequence members shall be
(1 2 3 4), (2 3 4 5), (3 4 5 6) (4 5 6 7) (5 6 7 8) (6 7 8 9) (7 8 9 10) (8 9 10 11) (9 10 11 12)
 10. Above features of sequential formats of vowels would deserve to be chased sequentially vowel wise to have a comprehension view of the applied values formats of the vowels of the Devnagri alphabet

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18 FRAMES FOR EACH VOWEL

1. Ancient wisdom preserves 18 frame values for each vowel of Devnagri alphabet.
2. In respect of first vowel, these frames are as follows:-
3. is the beginning / upper part of linear format while is the beginning / upper part of the circular format.
4. Likewise are the middle and lower / end parts of both formats reproduced above in the first and third and the third row in their first and fourth columns above.
5. Here It would be relevant to note that parallel to $1+1 = 2$ and $1+1+1 = 3$, there are 3 sequential expressions for each of the three parts of linear as well as circular expressions of the first vowel, which together may count of eighteen frames as reproduced above.

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SCRIPT FORM OF FIRST VOWEL

1. Script form of first vowel as () is of spatial features.
2. It is the printout of 3-space body in 4-space along spatial dimension.
3. It may be approached as a cube placed upon four legged table.
4. It is like a container on a base.
5. It reflects as of features of a carriers range up till base.
6. Being a solid domain container of carrier feature, it shall be of a vertically downward track.
7. Volume of solid domain as content being carried shall be as third fold of a manifestation layer being carried.
8. Third fold accepting first fold in dimensional order, as such ultimately would be the repository of such carriers features with it 1-space would emerge as the features repository format of first vowel.
9. 1-space as a track of a moving point (body of 0-space) shall be simultaneously focusing upon '0' as well as '1' as units.
10. Moreover as part as well as whole, both would permit association as a unit value, as such " as a part, as well as 'v ' as whole, for their roles would require to be consciously distinguished and deciphered as the end fruit of applied values of first vowel () as it is being accepted as the last / concluding sutra of Ashtadhyey, the source grammar book of Sanskrit.

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TRANSITION FROM FIRST VOWEL TO THE SECOND VOWEL

1. Transition from first vowel to second vowel would be parallel to transition from artifice 1 to artifice 2.
2. Further it would be parallel to 1-space to 2-space.
3. Also it would be parallel to interval to square.
4. It would be of the feature of transition from hyper cube 1 to hyper cube 2.
5. The same would be of the format of manifestation layer (1, 2, 3, 4) to (2, 3, 4, 5).
6. As the format of 1-space as well as 2-space in their different roles shall be availing 4 x 4 square formats, as such transition shall be attainable as for the 4 x 4 formats for N=1 and 2 respectively in respect of the following d

N	N+1	N+2	N+3
N+1	N+2	N+3	N+4
N+2	N+3	N+4	N+5
N+3	N+4	N+5	N+6
7. The transition is to be along 7 steps long unity range, namely d

N+1	N+2	N+3	N+4	N+5	N+6
-----	-----	-----	-----	-----	-----
8. Along artifices of numbers, this range (0, 1, 2, 3, 4, 5, 6).
9. Along dimensional formats it shall be of the range (0-space, 1-space, 2-space, 3-space, 4-space, 5-space, 6-space).

10. This transition from first vowel to second vowel, accordingly deserves to be chased for its above all features as well as for their all connected traits and characteristics.

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SECOND VOWEL

1. Let us have a fresh look at the script form of second vowel (ꣳ).
2. To have pointed focus upon different features of this script form, let us have its enlarged depiction as follows
3. To have focused catch of the script feature of second vowel, the same also deserves to be viewed along with that of the first vowel.
4. The first vowel focus as upon its solid domain / cube and the focus of second vowel upon its screw drilling process would bring to focus as that the first vowel takes uptill the center of the domain while second vowel drills through the center of the domain.
5. In the process, may be taken as that seal of the center of the origin gets broken / unsealed the drilled through.
6. It would be like transcending through origin.
7. Attainment would be of the order of going from domain to its origin, and also as going from origin to its base.
8. All this of the order and values of going from 'N to N+1'.
9. Sequentially it would mean going from '1, 2, 3, 4' to '2, 3, 4, 5'.
10. Also it would mean transiting from (1, 2, 3, 4, 5) to (2, 3, 4, 5).

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TRANSITION FROM SECOND VOWEL TO THE THIRD VOWEL

1. Transition from second vowel to third vowel would be a sequential step ahead of transition from first vowel to second vowel.
2. As such it would be a step ahead of transition from artifice 1 to artice 2, i.e. from artifice 2 to artifice 3.
3. Likewise it would be a step of sequential transitions from N to N+1 for N=1 and 2.
4. Likewise would be the sequential step for geometric formats, hyper cubes as well as the manifestation layers.
5. As transition from first vowel to second vowel has been a step from origin to base of origin, and as it would be a drilling through the origin, as such a step ahead would be a phase and stage of domain splitting into a pair of domains.
6. It would be like a sphere splitting into a pair of hemisphers.
7. Also it would be parallel to split of a frame into a pair of frames.
8. One may have a fresh look at the script form of third vowel (ꣴ).

9. One may further have a fresh look a three dimensional frame and see the way it is synthesised as a pair of three dimensional frames of half dimensions.
10. It would be there because of origin of 3-space being a spatial order 4-space.

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SPLIT OF A FRAME INTO A PAIR OF FRAMES

1. Spatial order 4-space as origin of 3-space is responsible for synthesis of pair of frames into a single integrated frame.
2. It is because of the spatial order of 4-space that a three dimensional frame splits into a pair of three dimensional frame of half dimension..
3. It also would help comprehend the split of 3-space into eight octants.
4. It also would help chase split of solid boundary of 4-space as of eight octants.
5. Further it would help appreciate as that a three dimensional frame of half dimensions is embedded into all the eight corners of a cube.
6. Still further it would help us chase surface printout for four directions and four sub directions as well.
7. It would be relevant to note that $8 = 2 \times 2 \times 2$ is a sequential step ahead of $1 \times 1 \times 1$.
8. As such the working with dimensional frames of half dimensions would be a unique feature of spatial order 4-space.
9. Further it would help us imbibe the values of mathematics of 2 as 1.
10. And step ahead would be a mathematics of 3 as 1.

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FIRST MAHESHWARA SUTRA

1. First Maheshwara Sutra coordinates first three vowels.
2. The coordination is in terms of 'Anubandas'.
3. Anubanda literally means to follow the bound / limit.
4. It is like enclosure / boundary of the expression zone like circumference of a circle.
5. Anubanda is a limit / limiting point of the expression range of the letters coordinated in terms of the Anubanda.
6. Here 'अ' is the anubandha.
7. One may have a fresh look at this script form of 'अ'.

8. It is of three parts, a vertically downward flow, horizontal flow and vertically upward flow.
9. Sequentially these parts depict the respective flow bounds of three vowels tracks formats.
10. First vowel as a vertical downward flow up till its limit, second vowel as of horizontal flow and third vowel as of vertically upward flow limits

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SECOND MAHESHWARA SUTRA

1. Second Maheshwara Sutra coordinates fourth and fifth vowels.
2. These are coordinated with Anubanda letter 'क'.
3. Fourth vowel is of the features and values of 4-space.
4. Fifth vowel is of the features and values of the 5-space.
5. Here both, namely fourth and fifth vowels, and as such 4-space and 5-space features and values are being together coordinated.
6. Ancient wisdom preserves the meanings of letter 'क' as brahma as well as Shiv.
7. Lord Brahma is the overlord of 4-space.
8. Lord Shiv is the overlord of 5-space.
9. 4-space as manifestation layer (2, 3, 4, 5) is having a transcendental origin.
10. It is the phenomenon of creator space (4 space) being of the potentialities to be fulfilled with transcendental values.

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FOURTH VOWEL

1. One shall have a fresh look at the script form of fourth vowel (ऋ).
2. As first three vowels are coordinated by same anubandha (ऌ) as such the script form is to be approached only in this background and as a step ahead of the coordination bounds of first three vowels.
3. The coordination bounds of first three vowels are like coordination of three axes of three dimensional frame but put in a sequential order of a measuring rod synthesised by representative regular bodies of 3-space namely by internal, square and cube.
4. This way it also may be viewed as a phenomenon of existence of intervals, squares and cubes within cube.
5. With it cube becomes the bound / limit.
6. One may have fresh look at the script form of anubandh 'ऌ'.
7. It is like having a printout along a vertical plane.
8. The script form with a focus upon halanth part indicates as that transcendence through the bounds of surface boundary of cube would be permissible but that would lead to be out of the 3-space domain.

9. Further as that, that transcendence shall be a transcendence from linear dimensional order to spatial dimensional order.
10. This shall be chased to reach at the script form of fourth vowel which is like a take off posture for to be in space ahead.

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COMPOSITION OF FOURTH VOWEL

1. Ancient wisdom further enlightens as that fourth vowel is of a composite features of letter raif as well as of second vowel.
2. And It would be relevant to note that anubandh 'क' of fourth and fifth vowels is a composite domain of creative values as well as of transcendental values.
3. It is because of this feature that inner structural folds of anubanda 'd' are of values and virtues of letters 'raif', makar, lakar and hakar'.
4. This, as such would help us comprehend and appreciate the composition split for fourth vowel as raif and second vowel.
5. This split available as such, shall be focusing upon the second vowel as a spatial order to be availed for processing within the creator space (4 space).
6. It in a way would mean a shift from dimensional domain to dimension to dimension.
7. 3-space as domain of (linear order), a step ahead in 4-space shall be leading to working with spatial dimensions.
8. Being four dimensional frame, it would, as such require quarter by quarter approach for the chase of applied values within creator space (4 space).
9. This would help us comprehend and appreciate the composition of Swastik.
10. One shall sit comfortably and permit the transcending mind to chase script form as well as position split of fourth vowel.

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COMPOSITION OF FIFTH VOWEL

1. Composition of fourth vowel accepts split as raif and second vowel.
2. Composition of fifth vowel accepts split as 'lakar, raif and second vowel'.
3. While fourth vowel composition is of pair of letters, a step ahead fifth vowel composition accepts three parts.
4. It is parallel to 4-space being of a spatial order and 5-space being of a solid order.
5. Further It would be relevant to note that 'raif' letter is of the values and order of 3-space within first inner fold of letter 'क' and letter lakar is of values and order of 5-space within third fold of letter 'क'.

6. This inter connection of 3-space and 5-space as dimension and domain folds would help chase transition from composition of fourth vowel to the composition of fifth vowel.
7. It would be blissful exercise to chase fourth and fifth vowel together in reference to their compositions of two parts and three parts respectively but simultaneously accepting a common anubandha 'क'.

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**GEOMETRIC FORMAT
OF LETTER 'क'**

1. As letter 'क' admits meaning as Lord Brahma, as well as Lord Shiv, as such its geometric formats shall be of features parallel to idols of Lord Brahma as well as of Lord Shiv.
2. Idol of Lord Brahma is of the format of hyper cube 4,
3. Idol of Lord Shiv is of the format of Hyper cube 5.
4. Hyper cube 4 is of the values and order of manifestation layer (2, 3, 4, 5).
5. Hyper cube 5 is of the values and order of manifestation layer (3, 4, 5, 6).
6. With it the format of letter 'd' is of features of pair of manifestation layer (2, 3, 4, 5) and (3, 4, 5, 6).
7. The pair of manifestation layers (2, 3, 4, 5) and (3, 4, 5, 6) are of transcendental range base (2, 3, 4, 5).
8. Accordingly creator space (4 space) would get fulfilled with transcendental values of 5-space along self referral base (6-space).
9. It would be blissful exercise to chase the geometric format of letter 'd'.
10. Further it would be a blissful exercise to chase coordination of fourth and fifth vowels along geometric format.

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**GEOMETRIC FORMATS OF SIXTH
TO NINTH VOWELS**

1. Sequentially sixth to ninth vowels are approachable in terms of artifices 6 to 9 respectively.
2. Parallel to it chase would be permitted along geometric format of 6-space to 9-space respectively.
3. Still further these may be chased along formats of hyper cube 6 to hyper cube 9 respectively.
4. Still further is being chased respectively as manifestation layers (6, 7, 8, 9), (7, 8, 9, 10), (8, 9, 10, 11) and (9, 10, 11, 12) .
5. Third Maheshwara Sutra coordinates sixth and seventh vowels.

6. Fourth maheshwara sutra coordinates eighth and ninth vowels.
7. Third Maheshwara Sutra and fourth maheshwara sutra shall be availing pair of manifestation layers each and shall be synthesizing a pair of transcendental ranges, one each in case of third and fourth sutras.
8. The pair of transcendental ranges synthesized self referral range.
9. Three transcendental ranges of second third and fourth Maheshwara Sutra deserve to be chased individually as well as in pairs and also all the three together, like the first Maheshwara Sutra coordinates a set of three manifestation layers.
10. It would be blissful exercise to sequentially chase nine vowels along their respective geometric formats.

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ALONG NINE VERSIONS OF HYPER CUBE 4

1. Hyper cube 4 accepts nine versions parallel to nine geometries of 4-space.
2. This range of nine versions of hyper cube 4 may be availed for chase of nine vowels range.
3. Hyper cube 4 being of a spatial order, it may accept re-organization as -4, -3, -2, -1, 0, 1, 2, 3, 4.
4. This as such, being parallel to the boundary components of pair of parts of solid boundary of hyper cube 4, may be taken as a range of geometries of negative signature, zero signature and positive signature.
5. Zero signature geometry / version of hyper cube 4 is completely free of the boundary.
6. With its placement at the middle, it shall be having four positive geometries on its one side and four negative geometries on its other side.
7. Bend at the middle as origin, shall be permitting re-organisation for pair of parts as pair of axis of four steps each from the origin.
8. One way to re-organize these steps in term of pair of coordinates with reference to steps along each axis may be as follows
 - (-4, +4), (-4, +3), (-4, +2) (-4, +1) (-4, 0)
 - (-3, +4), (-3, +3), (-3, +2) (-3, +1) (-3, 0)
 - (-2, +4), (-2, +3), (-2, +2) (-2, +1) (-2, 0)
 - (-1, +4), (-1, +3), (-1, +2) (-1, +1) (-1, 0)
 - (0, +4), (0, +3), (0, +2) (0, +1) (0, 0)
9. This, as such shall be providing 5 x 5 format for transition from vowels to 5 x 5 varga consonants.
10. A step ahead while proceeding along the format of hyper cube 5, another 5 x 5 matrix format would emerge.

5 X 5 MATRIX FORMAT ALONG HYPER CUBE 5

1. Non zero signature versions of hyper cube 5 shall be accepting re-organization along 5 x 5 matrix format as follows
 (-5, +5) (-5, +4) (-5, +3) (-5, +2) (-5, -1)
 (-4, +5) (-4, +4) (-4, +3) (-4, +2) (-4, -1)
 (-3, +5) (-3, +4) (-3, +3) (-3, +2) (-3, -1)
 (-2, +5) (-2, +4) (-2, +3) (-2, +2) (-2, -1)
 (-1, +5) (-1, +4) (-1, +3) (-1, +2) (-1, -1)
2. It would be a blissful exercise to have a simultaneous chase of 5 x5 matrix formats of hyper cube 4 format and hyper cube 5 format coordinating different versions of hyper cube 4 and hyper cube 5 respectively.
3. It is this common matrix format for coordination's of versions of hyper cube 4 and of hyper cube 5 whose chase may help have insight of the when insight about the meanings of first varga consonant (d) as Lord Brahma, as well as, Lord Shiv.
4. This insight would further help to have simultaneous organization of Rigved Samhita as ten mandals, as well as eight austhaks.
5. First row of 5 x 5 matrix format shall be sequentially arranging the geometric formats of 'd' varga consonants.
6. Likewise second, third, fourth and fifth rows of 5 x 5 matrix format shall be respectively, in that sequence and order shall be providing geometric formats for cha varga, ka varga, ta varga and pa varga consonants.
7. These formats as well be of hyper cube 4 features as well as of hyper cube 5 features.
8. With it for each varga consonants there shall be a pair of formats (of hyper cube 4) and of hyper cube 5 features.
9. With this, each varga consonant shall be having interactive pair of layers along a transcendence base.
10. This being so each varga consonant shall be of transcendental values, and all varga consonant together shall be of the order and values of the transcendental worlds.

KA VARGA CONSONANTS

1. Ka varga consonants row is of five letters.
2. The first row of 5 x 5 matrix formats (of hyper cube 4 and hyper cube 5 features) shall be sequentially providing geometric formats for the five letters of ka varga letters.
3. Along hyper cube 4 format these letters shall be sequentially of the versions of hyper cube 4 of features (4, 4), (4, 3), (4, 2) (4, 1) (4, 0).
4. Symbolic representations for these sequential formats would be as follows:-

5. Likewise hyper cube 4 format shall be providing sequential geometric formats of different versions of hyper cube 5 of the values (5, 5) (5, 4) (5, 3) (5, 2) (5, 1) (5, 0).
6. The symbolic representations for these sequential formats would be as follows:-

FIRST GEOMETRY

SECOND GEOMETRY

THIRD GEOMETRY

FOURTH GEOMETRY

FIFTH GEOMETRY

SIXTH GEOMETRY

SEVENTH GEOMETRY

EIGHTH GEOMETRY

NINTH GEOMETRY

TENTH GEOMETRY

ELEVENTH GEOMETRY

7. It would be blissful exercise to have a simultaneous chase of pair of formats for each of the five letters and starting with first letter namely (d) it would be a simultaneous chase in terms of (4 x 4) hyper cube 4 and (5 x 5) hyper cube 5.
8. Likewise one shall have a chase for other four letters of the row.
9. It would be relevant to note that differentiating feature for five letters of the row would be as to be the composition of the boundary of hyper cubes.
10. One shall sequentially chase the formats of the five letters of this row.

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OTHER FOUR ROWS OF VARGA CONSONANT

1. The chase of other four rows of varga consonants is to be parallel to the chase of first row of varga consonants.
2. It would be blissful to chase each row separately of Varga consonants.
3. While chasing a row, each of its five letters shall be chased sequentially.

4. The symbolic representation of hyper cube 4 format for second row shall be as follows:-

5. Further the symbolic representation of hyper cube 5 format for second row shall be as follows:-

6. Further the symbolic expressions of hyper cube 4 and hyper cube 5 format for third row shall be as follows:-

7. Still Further the symbolic expressions of hyper cube 4 and hyper cube 5 format for fourth row shall be as follows:-

Figure

8. And ahead the symbolic expression for fifth row would be as follows:-

Figure

9. It would be blissful exercise to have a full expression for all the rows along hyper cube 4 format as follows
10. And of hyper cube 5 format as follows

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COLUMN WISE CHASE OF 5 X 5 MATRIX FORMATS

1. Parallel to row wise chase of varga consonants, there can be a column wise chase of varga consonants as well.
2. 5 x 5 matrix shall be permitting its split as 5 columns.
3. Each column (from top to bottom) shall be of five steps.
4. Chase of each column is to be sequential in the order of the placement of letters in the row.
5. It would be a blissful exercise to chase transition from one column to the other column.
6. At each step of transition from one column to another column, as there would be simultaneous progressions for the rows as well, as such rows progression steps as well shall be simultaneously viewed.
7. As a end result the attainments of column wise transition would be parallel to the end result of row wise transition, as such this feature shall be re evaluated.

8. Further as 5 x 5 matrix format shall be having pair of main diagonals and parallel diagonals to the main diagonals, as such diagonal wise progressions as well be chased step by step to imbibe their values.
9. These approaches, may it be row wise, diagonal wise or column wise, have their own progression features.
10. All these progression feature of geometric formats of varga consonants deserve to be complied to have a comprehension view of this set up.

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4 VOWELS ANUBANDAS

1. Geometric format features of four vowels anubanda letters deserve to be chased individually as well as collectively.
2. First anubanda letter (.k) as has been pointed earlier is having a coordination of first three vowels.
3. Its placement as fifth letter of the third row, as well as third letter of fifth column, as such shall be focusing upon its different features along hyper cube 4 format as well as along hyper cube 5 format.
4. Hyper cube 4 format would be of version (2, 0).
5. Hyper cube 5 format shall be of versions (3, 1).
6. It would be relevant to note that (2, 0) is of the format of 0-space as dimensional order of 2-space.
7. And further (3, 1) shall be the coordination of 3-space with its linear dimensional order.
8. This as such shall be a sequential transition from 0 order 2-space to linear order 3-space.
9. Likewise the geometric format feature of other anubandas of vowels namely 'd [k x ?k M+' shall be chased.
10. It would be a very blissful exercise to simultaneously chase the transition features of geometric format of four anubandas of vowels as order and values (i) (2, 0), (3, 1) (ii) (4, 4), (5, 5) (iii) (4, 0), (5, 0) (iv) (3, 4), (4, 5)

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SUPER IMPOSITION OF 4 X 4 GRID UPON 5 X 5 GRID

1. Let us draw 5 x 5 grid.
2. It shall be having 4 x 4=16 grid zones.
3. Centers of these grid zones shall be constituting a 4 x 4 grid.
4. This 4 x 4 grid would get super imposed upon 5 x 5 grid base.
5. It would be parallel to spatial order 4-space as boundary of solid order 5-space.
6. As such the pair of geometric formats for varga consonants as of formats of hyper cube 4 and hyper cube 5 respectively would permit simultaneous chase as super imposed grids like feature of the domains enveloped by dimensional boundaries.
7. This feature as such, deserve to be chased in reference to formats of each varga consonants.

8. Finally, it is also to be chased for all the varga consonants, collective formats.
9. The super imposition model as well shall be facilitating chase of the transcendence process.
10. It would be a blissful exercise to comprehend features of the transcendence process in respect of every varga consonants with a focus upon domain folds of hyper cube 4 and hyper cube 5 irrespective of the composition of their respective boundaries.

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TRANSITION FROM VARGA CONSONANTS TO REMAINING LETTERS OF ALPHABET

1. 25 varga consonants are followed by 16 remaining letters of Devnagri alphabet.
2. A transition step from 5 x 5 varga consonant to 4 x 4 remaining letters, shall be parallel to the transition from 5-space domain to 4-space boundary within creator space (4 space) of spatial order.
3. 4-space as four dimensions.
4. Here it would be relevant to note that remaining 16 letters are of four groups of four letters each.
5. The four groups are designated and known as Anthsta, Ushmana and coordinated particles (yamas).
6. Anthsta means that is established in between sadhna.
7. There are four anthstas, parallel to five points accepting four gaps.

य व र ल

8. One shall have a fresh look at the script form of Anthsta letters to decipher out their characteristics features of in between state of linear and spatial order

य व र ल

9. Likewise script forms of usmana letters as well be deciphered out as features of in between states of spatial and solid order.

‘I भा स ह

10. A step ahead, yama letters would be of connected particles chase phenomenon within spatial order creator space (4 space), as being of the following script forms.

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ORGANIZATION FORMAT FEATURES OF DEVNAGRI ALPHABET

1. Nine vowels, 25 varga consonants and 16 other letters together constitute a triple artifices (9, 25, 16).
2. This triple (9, 25, 16) accepts re-organisation as $(3^2, 4^2, 5^2,)$.
3. It is first triple of right angle triangle format as $5^2=4^2+3^2$.
4. With it the organization format of Devnagri alphabet would permit re-organisation parallel to right angle triangle format.

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PARALLEL TO VEDIC SYSTEMS

1. Devnagri alphabet is structured parallel to Vedic systems.
2. As such Devnagri alphabet accepts sole syllable Om (ॐ) as prefix and its transcendental synonym namely parnava 'iz.ko%' as a suffix.
3. With it Devnagri alphabet becomes $(1+50+1)=52$ letters range.
4. Artifice 52 accepts re-organisation as 4×13 which is parallel to set up of 13 edged hyper cube along each of four dimensions of 4-space.
5. This way Devnagri alphabet potentializes itself to exhaustively chase 4-space domain.

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ALONG TRANSCENDENTAL RANGE

1. Creator space (4 space) has transcendental origin.
2. With its creator space (4 space) its fulfilled with transcendental values.
3. The transcendental values permit chase as transcendental range.
4. Transcendental range is of five steps and parallel to it fifth vowel at the middle shall be permitting approach from either end (first vowel as well as from ninth vowel) along five steps long transcendental ranges (1, 2, 3, 4, 5) and (9, 8, 7, 6, 5).
5. With it bend at the middle shall be constituting 5×5 matrix format/ frame.
6. With it their shall be a transition from vowels to varga consonants.
7. Ahead super imposed 4×4 grid coordinate centers of grid zones shall be providing coordination format for remaining 16 letters.

QUARTER OF A SURFACE FORMAT

1. 5 x5 matrix format of varga consonants avails quarter of a square / surface.
2. Along artifices of numbers its chase may be as follows

11	12	13	14	15
21	22	23	24	25
31	32	33	34	35
41	42	43	44	45
51	52	53	54	55
3. Like that number codes may work.
4. One such number code of many applied values is as followed
Vedic number code

YAMA LETTERS

1. There are eight yama letters.
2. These are of the format of connected particles.
3. Particles are like Bindu Sarovars / point reservoirs.
4. Connected particles means a pair of connected Bindu Sarovars / structured points.
5. Structured points are of the format of sphere as representative regular body of 3-space providing 3rd fold (domain fold) format.
6. As such a pair of point domains would be at work here in such formats.
7. Point super imposes upon itself.
8. Point as Anuswara / following rider is the first yama / eternal path letter.
9. Point as a point sphere unfolding outward progression is a chase phenomenon of yama letters / eternal path letters.
10. One shall have a fresh look at the script forms of eight yama letters and decipher out their sequential features.

92. COMPOSITION OF LETTERS

1. The geometric formats of individual letters would permit, composition of letters as synthesis of their respective formats.
2. Sanskrit grammar as special combination rules known as Sandhi rules.
3. Also there are compound / composite letters like '{k = K'.
4. These three composite letters together with composite vowel (,) compose a very big formulation '{ks=K%'.

5. Let us follow the formulation 'd`RLua' and notice that four letters (_] R] L] U) mark their presence maintaining their individual features.
6. Single letters, pair of letters, triples quadruples chase would help have insight about the compositions of roots.
7. It also would help and insight about the compositions of words.
8. Grammar rules are to be structured presuming the existence of roots and words.
9. It also shall be presuming about fixed geometric formats for letters obeying definite synthesis rules for the geometric formats.
10. Hyper cube 4 is the basic format and as such spatial dimensional order is to play the central role.

93. SHIFT FROM EARTH ELEMENT TO WATER ELEMENT

1. Grammar rules take into account the transcendence rules for transition from one geometric format to another geometric format.
2. This essentially would be to have sequential transition from one element to another element, beginning with a shift from Earth element to Water element.
3. It would help workout transition from state to dynamic state.
4. It also would take into account the flow feature of water elements.
5. Transmigration and transportation of content would become the attainment index.
6. This would bring into the role of containers and carriers.
7. Further it would bring into play the super imposition of a format over another format.
8. It would be like simultaneous play as that of a rider and carrier, like horse.
9. The time factor and attainment limits would emerge as the evaluation features for the systems.
10. As a sequential step, shift ahead would be from water element to fire element, fire element to air element and air element to space and still ahead from Space to Sun, and this as such shall be bringing in built mechanism for the systems to cover whole range of existence phenomenon.

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SOUND TO LIGHT

1. Vedic systems work out both sound and light systems, as well as the transition from sound to light as content manifestation formats as well as, as contents carriers paths.
2. Sequential steps of sound waves are designated and known as Dwani, Nad and Anahat nad.

3. Sequential steps of light are designated and known as Parkash, Jyoti and Braham Jyoti.
4. The sequential steps of sound wave deserve to be chased step by step.
5. Likewise the sequential steps of light wave as well deserve to be chased step by step.
6. The sequential transition steps from sound step to light step, as well deserve to be chased step by step.
7. Transition from Dwani to Parkash is first transition step.
8. Transition from Nad to Jyoti is the next transition step.
9. And , transition from Anahat nad to Braham Jyoti is the final transition step.
10. One shall sit comfortably and permit the transcending mind to chase whole of the transition process of both waves manifestations formats.

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DIVYA GANGA FLOW

1. Ancient wisdom, particularly Balya Kanda of Adi Valmiki Ramayana preserves Divya Ganga flow phenomenon.
2. Divya Ganga flow phenomenon is the Jyoti phenomenon.
3. Bindu Sarovar of Om formulation is fulfilled with Jyoti.
4. It flows out as seven streams from Bindu Sarovar and takes up till the second / Ardha Matra component of Om formulation.
5. A step ahead seven stream flow splits as three streams along eastern side, and other three stream along the western side of the central flow line.
6. This as such makes out a flow path of triple artifices order and values namely (7, 3, 1).
7. The origin center of Bindu Sarovar being the Brahman source origin, and the same accepts association of artifice 9.
8. This makes the whole flow process as along quadruple artifices (9, 7, 3, 1).
9. A close look at these quadruple artifices shall be making a transcendence phenomenon of pair of artifices (9, 7) and of ascendance phenomenon of pair of artifices (1, 3).
10. It would be relevant to note that both end processing (as transcendence and ascendance) shall be fulfilling transcendental middle of order and values of artifice (5).

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TRANSCENDENTAL MIDDLE

1. Transcendental middle of the Divya Ganga flow path is of the order and values of artifice (5).

2. It is the seat of transcendental worlds (5-space).
3. As such it would be of the format of hyper cube 5 domain.
4. One shall sit comfortably and permit the transcending mind to chase 5-space domain as per the following symbol.

§

5. It is of double facet.
6. One facet, in the Divya Ganga flow process is the transcendence process of Brahman domain to unity state to transcendental domain.
7. The second facet, in the divya ganga flow process is the ascendance process of linear order to solid order to transcendental order.
8. The unity range of the Divya Ganga flow path, as such shall be seven steps long range (9, 7, 5, 3, 1).
9. The lower limb of the flow path (1, 3, 7) is parallel to linear order to 3-space to seven geometries of 3-space.
10. However, the upper limb of the flow path promises Brahman privilege of the transcendental carriers (5-space) leading to unity state (7-space) as of the privilege of Brahman values and virtues.

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LOCATION OF TRANSCENDENTAL WORLDS (5-SPACE / C)

1. Divya ganga flow, in a way locates the transcendental worlds.
2. It also fulfills the transcendental worlds with Brahman privilege.
3. It is this privilege for which the sadkhas urge and aspire for.
4. It is this urge and aspiration which takes the sadkhas to the source origin of creator space (4 space).
5. It is the location of the transcendental worlds at the origin seat of creator space (4 space), which ensures the first step on the right path of sadhna.
6. Ancient wisdom preserves Lord Brahma's enlightenment the way one can go transcendental, it is the Sun light meditation path.
7. It is the path of meditation within cavity of heart.
8. This meditation path unlocks the seal of cavity of heart parallel to unsealing the origin of creator space (4 space).
9. With unlocking of the seal, transcendental values come into play.
10. These values come into play as transcendental carriers.

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RIDING TRANSCENDENTAL CARRIERS

1. Riding transcendental carriers is the brahman privilege.

2. It is privilege of the format of ninth geometry of 4-space.
3. It is of the format of hyper cube 4 domain free of all the solid boundary components.
4. Ancient wisdom preserves the enlightenment as that in this state of meditation, the sadkha goes transcendental.
5. Parallel to Lord Brahma multiply ten fold, sadkhas as well transit and transform by riding the transcendental carriers parallel to creative boundary of transcendental domain.
6. It is this phase and stage of existence phenomenon which leads to self referral state of Braham randra, the sixth chakra of human frame.
7. It is from this self referral state of Braham randra that Jeev (Being) takes off for the unity state of existence phenomenon.
8. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon of Being taking off from Braham Randra (6th chakra).
9. And riding the transcendental carriers of Sunlight.
10. And attaining unity state of existence phenomenon.

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UNITY STATE OF EXISTENCE PHENOMENON

1. Unity state of existence phenomenon is the phenomenon of seventh state of consciousness.
2. Unity state consciousness bits manifest letters of unity state alphabet.
3. Within unity state every existence feature dissolves and unifies.
4. Because of it all alphabets dissolve and unified in unity state alphabet.
5. With it sadkhas have not to learn different alphabets individually.
6. It is the sadhana path attaining unity state of consciousness shall be making him privilege of living unity state and knowing whole range of knowledge as a single discipline of unity state alphabet.
7. Consciousness transcends intelligence.
8. With this intelligence is much left behind the consciousness.
9. It is because of it that intelligence follows the consciousness.
10. Further it is the intelligence fulfilled with consciousness ensures creative enlightenment and a step ahead, the transcendental enlightenment as well.

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BEYOND CONSCIOUSNESS

1. Beyond consciousness is the Brahamn privilege.
2. And Par Braham privilege.

3. Brahman privilege graces consciousness of its own.
4. Sadkhas to remain conscious of one's consciousness.
5. Beyond that the consciousness will take care of itself.
6. The bliss of consciousness shall be fully satisfying.
7. One may evaluate one's sadhana in terms of the index of one's bliss.
8. The intelligence approach is to be accepted only uptill the intelligence field permissible at the core of the sensory domain.
9. Beyond that is to be taken the domain of consciousness.
10. And beyond that is the privilege of Braham.

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ONE SPACE

1. Sequential chase of unity state alphabet format would require a sequential chase of different roles of 1-space to 9-space.
- 2. One** space has interval as its representative body.
- 3. Interval / Hyper cube 1** is a track of point body of format of **hyper cube 0**.
4. One way to approach is along artifice **1**.
5. Different roles of **1**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **1**.
7. One shall chase **one** space as dimension fold.
8. Further chase shall be of **one** space as boundary fold.
9. Still further chase is to be of **one** space as domain fold.
10. Ahead would be a chase of **one** space as origin fold.

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TWO SPACE

1. Second Sequential step of Brahman range is of 2-space in its different roles.
- 2. Two** space has **square** as its representative body.
- 3. Square / Hyper cube 2** is a track of a moving hyper cube 1.
4. One way to approach is along artifice **2**.
5. Different roles of **2**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **2**.
7. One shall chase **two** space as dimension fold.
8. Further chase shall be of **two** space as boundary fold.
9. Still further chase is to be of **two** space as domain fold.
10. Ahead would be a chase of **two** space as origin fold.

THREE SPACE

1. Third Sequential step of Brahman range is of 3-space in its different roles.
2. **Three** space has **cube** as its representative body.
3. **Cube / Hyper cube** is a track of a moving hyper cube 2.
4. One way to approach is along artifice **3**.
5. Different roles of **3**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **3**.
7. One shall chase **three** space as dimension fold.
8. Further chase shall be of **three** space as boundary fold.
9. Still further chase is to be of **three** space as domain fold.
10. Ahead would be a chase of **three** space as origin fold.

FOUR SPACE

1. Four space is a creator space (4 space).
2. **Four** space has **hyper cube 4** as its representative body.
3. **Hyper cube 4** is a track of a moving hyper cube 3.
4. One way to approach is along artifice **4**.
5. Different roles of **4**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **4**.
7. One shall chase **four** space as dimension fold.
8. Further chase shall be of **four** space as boundary fold.
9. Still further chase is to be of **four** space as domain fold.
10. Ahead would be a chase of **four** space as origin fold.

FIVE SPACE

1. Five space is a transcendental domain.
2. **Five** space has **hyper cube 5** as its representative body.
3. **Hyper cube 5** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **5**.
5. Different roles of **5**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).

6. The diagonal of this format shall be of equal values of the order of artifice **5**.
7. One shall chase **five** space as dimension fold.
8. Further chase shall be of **five** space as boundary fold.
9. Still further chase is to be of **five** space as domain fold.
10. Ahead would be a chase of **five** space as origin fold.

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SIX SPACE

1. Six space is a self referral features of Sun domain.
- 2. Six** space has **hyper cube 6** as its representative body.
- 3. Hyper cube 6** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **6**.
5. Different roles of **6**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **6**.
7. One shall chase **six** space as dimension fold.
8. Further chase shall be of **six** space as boundary fold.
9. Still further chase is to be of **six** space as domain fold.
10. Ahead would be a chase of **six** space as origin fold.

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SEVEN SPACE

1. Seven space is of Sapt Bhumi features of pole star.
- 2. Seven** space has **hyper cube 7** as its representative body.
- 3. Hyper cube 7** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **7**.
5. Different roles of **7**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **7**.
7. One shall chase **seven** space as dimension fold.
8. Further chase shall be of **seven** space as boundary fold.
9. Still further chase is to be of **seven** space as domain fold.
10. Ahead would be a chase of **seven** space as origin fold.

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EIGHT SPACE

1. Eight space is of Asht Prakrati features.

2. **Eight** space has **hyper cube 8** as its representative body.
3. **Hyper cube 8** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **8**.
5. Different roles of **8**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **8**.
7. One shall chase **eight** space as dimension fold.
8. Further chase shall be of **eight** space as boundary fold.
9. Still further chase is to be of **eight** space as domain fold.
10. Ahead would be a chase of **eight** space as origin fold.

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NINE SPACE

1. Nine space is the Brahman space.
2. It is designated as Nav Braham.
3. It plays the source origin role for Asht Prakrati (8-space).
4. One way to approach is along artifice 9.
5. Different roles of 9-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice 9.
7. One shall chase nine space as dimension fold.
8. Further chase shall be of nine space as boundary fold.
9. Still further chase is to be of nine space as domain fold.
10. Ahead would be a chase of nine space as origin fold.

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BRAHMAN BLISS

1. It is Brahman bliss which ultimately drives the existence phenomenon.
2. It is because of Brahman bliss that Brahman itself expects Par Braham privilege.
3. It is also because of Brahman bliss that Asht Prakrati gives way to the transcendental carriers.
4. Sapt Bhumi as well unifies because of Brahman bliss.
5. Self referral features too are there because of Brahman bliss as source origin of the manifestation layer (6, 7, 8, 9).
6. Transcendental carriers carry being at the middle of the Brahman range.
7. Creator spectrum is there of the Brahman range because of the Brahman bliss itself.

8. Triloki is fulfilled with self referral values as at the middle of the manifestation layer (3, 4, 5, 6) there is a Brahman bliss expressing as transcendental values within creator space (4 space).
9. Triloki as such is sustained by Trimurti.
10. It is Brahman bliss which continuously renews the existence phenomenon within Triloki as sustained by Trimurti.

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ASHT PRAKRATI GIVES WAY TO TRANSCENDENTAL CARRIERS

1. Asht Prakrati gives way to transcendental carriers with Brahman privilege.
2. Transcendental carriers are of solid order and transcendental domains.
3. The solid order and transcendental domain together are of the order and values of Asht Prakrati.
4. Ancient wisdom enlightens us that Asht Prakrati is of dual existence feature, designated and known as Jad Prakrati and Chetan Prakrati.
5. It is Chetan Prakrati which Gives way to the transcendental carriers with Brahman grace.
6. It is Brahman grace that Asht Prakrati as well as transcendental carriers are fulfilled with Brahman Privilege.
7. The split of artifice 8 as (3, 5) is there because of Nav Braham / 9 as source origin.
8. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse transcendental carriers getting path within Asht Prakrati due to Brahman privilege.
9. 2^3 as a solid dimensional order within creator space (4 space) fulfills creator space (4 space) with transcendental values which may get transcendence path within Asht Prakrati.
10. It is transcendence at the origin of creator space (4 space) which aspire for the Brahman bliss.

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SAPT BHUMI UNIFIES AS UNITY RANGE

1. The way Sapt Bhumi (seven steps long unity range) unifies itself deserve to be chased.
2. It would be the way all the eight corners of cube get sequentially coordinated in terms of its seven edges.
3. Further it would be the way the Sun light manifests its visible seven colours spectrum.

4. It is the way rainbow garlands the Sky.
5. It is also the way consciousness expresses itself as unity state of consciousness.
6. Further it is the way artifice 7 becomes the biggest numeral of ten place value system.
7. It also is the way pole star becomes the source origin of solar system.
8. It is the way Trishapta (3 and 7) get coordinated.
9. Seven fold versions of cube parallel to seven geometries of 3-space range within creator space (4 space) deserve to be followed for the comprehension of Sapt Bhumi unifies itself.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the phenomenon of artifice 7 and dimensional frame of pole star running parallel to each other.

113

SELF REFERRAL INTERACTIONS

1. Self referral interactions deserve to be chased as being there because of the Sapt Bhumi unification process.
2. Self referral interaction are the interactions of a pair of self referral ranges.
3. These interactions of self referral ranges emerge as the communications intersee the self referral ranges.
4. These communications manifest as languages.
5. The component wise interactions of self referral ranges sinthil basics as alphabet of the interactions communications languages.
6. The alphabets split into letters as of the features of Brahman bliss flow from origin source (9-space) into self referral domain (6-space)/ Sun.
7. It is this creative dimensional order of self referral domain which manifest themselves within creator space (4 space) itself as the features range of the alphabet letters.
8. As such chase of alphabet unity is to begin with the chase of manifestation features of alphabet letters.
9. This chase is to take to the creative dimensional order.
10. And a step ahead, it shall be leading to self referral domains.

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TRANSCENDENTAL CARRIERS

1. Creative dimension create self referral domains because of the availability of transcendental carriers.

2. The availability of transcendental carriers is there because of transcendental origin source of creator space (4 space).
3. The creator space (4 space) gets fulfilled with transcendental values flow from its source origin.
4. It is this inflow of the transcendental values within creator space (4 space) which amounts to having availability of the transcendental carriers.
5. The inflow of transcendental values within creator space (4 space) ultimately manifests as creations riding the transcendental carriers.
6. It is with this riding of creations upon the transcendental carriers which transits and transforms the whole phenomenon of manifested creations into a transcendental phenomenon.
7. It is chase of this transition and transformation for manifested creations into of transcendental values which would ultimately help imbibe the values and features of transcendental carriers themselves.
8. The rest of the pilgrimage of the transcendental domains, as such would follow of its own because of the availability of the transcendental carriers.
9. The way transcendental carriers interact amongst themselves and go self referral is a phase and stage of the existence phenomenon, designated and known as the phenomenon of self / spirit / sole / being / transcendental being.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse this phenomenon of Transcendental carriers.

115. MANIFESTED CREATIONS

1. Unity state alphabet is to be all about manifestation creations.
2. The manifested creations are of four fold manifestation layers formats.
3. Being of manifestation layers format, it as such become capable of carrying sound (Dwani) waves.
4. Sound waves as carriers and manifested creations to be carried, are the features which deserve to be chased to reach at the basics of the unity state alphabet.
5. It is the spatial order of creator space (4 space) with solid order origin, which are to play their roles for manifested creations to be carried by transcendental waves.
6. The subsequent transitions and transformations of Dwani into Nad and Nad into Anahat Nad are to be followed as their transition feature,
7. A step ahead would be the transition phenomenon of light as Jyoti and Braham Jyoti.
8. Sound to light, Nad to Jyoti and Anahat Nad to Braham Jyoti are the interactive features of the transition phenomenon.
9. These transition phases and stages deserve to be sequentially chased.
10. The features of these transition phases and stages become the inherent features of the unity state alphabet.

SUSTENANCE OF TRILOKI BY TRIMURTI

1. Central core of the unity state alphabet is the sustenance feature of Triloki by Trimurti.
2. This would emerge as the chase of manifestation layer format (3, 4, 5, 6).
3. The chase may be of the sequential steps (3, 4), (3, 4, 5) and (3, 4, 5, 6).
4. The coordination pair (3, 4) / (3-space, 4-space) is to be of the coordination feature of 4 x 4 format of different roles of 3-space and 4-space.
5. The coordination triple (3, 4, 5) / (3-space, 4-space, 5-space) is to be of the coordination features of formats 4 x 4 x 4, as well as of 5 x 5 x 5 for different roles of 3-space, 4-space and 5-space respectively.
6. A step ahead coordination quadruple (3, 4, 5, 6) is the full range manifestation format itself.
7. It as such shall be coordinating four manifestation layers at a time namely (3, 4, 5, 6), (4, 5, 6, 7), (5, 6, 7, 8) and (6, 7, 8, 9).
8. Sequentially these shall be leading to transcendence ranges, self referral ranges and unity state ranges.
9. It is this chase which deserves to be sequentially followed to completely comprehend and fully imbibe the features inherently being there with the unity state alphabet.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the inherent feature of unity state alphabet.

DEVNAGRI ALPHABET SCRIPT

1. Devnagri alphabet script is the script form of unity state alphabet.
2. As such for comprehension of unity state alphabet, one is to begin with the Devnagri alphabet format.
3. As a next step, script form of each letter is to be chased.
4. This chase shall be leading to the geometric format of each letter.
5. It is the synthesis rules of different geometric formats which have to play their role for the compositions in terms of individual letters of the Devnagri alphabet /unity state alphabet.
6. The transition from single letters to pair of letters, triple letters and quadruple letters and so on is to be worked out.
7. This shall be helping tabulate roots and words.

8. A step ahead would be to have the grammar rules for which sanskrit grammar would be the guide.
9. Sanskrit grammar to Vedic grammar would be a big step ahead.
10. Attainment of transcendental path within Asht Prakrati for Brahman privilege would be the blissful end fruit of the Sadhana along unity state alphabet format.

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OPTIMUM INDEX OF EXISTENCE PHENOMENON

1. Optimum index of existence phenomenon for us is as is within human frame.
2. It is of the order and values of the fourth element namely Vayu (air).
3. This as such would bring into focus width and depth of the existence spectrum as to be of the value $4 \times 7 = 28$ parallel to the expression of unity state along each of the four dimensions of creator space (4 space).
4. Artifice 28 is of features which make it a perfect number.
5. Infact '28' is the second perfect number, following '6' as the first perfect number.
6. First perfect number, namely '6' is of the features as that $1+2+3=1 \times 2 \times 3 = 2+2+2= 3+3$, and because of it existence within Triloki availing pairing feature is of the order of sustenance of Triloki by Trimurti.
7. The split of $28 = (1+2+3+4) + (3+4+5+6)$ makes it of special features where manifestation layers (1, 2, 3, 4) and (3, 4, 5, 6), of the order and values of dimensional fold layer and domain fold layer, makes artifice 2 as of very special role for the existence phenomenon of manifested creations.
8. It is this width and depth of the fourth element / Vayu (Air) which deserves to be chased to glimpse the way diversity gets unified.
9. It is this feature of diversity getting unified which is at the base of unity state alphabet being of the potentialities and features of width and depth which shall be unifying all the alphabets.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to revisit optimum index of existence phenomenon.

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DIVERSITY SPECTRUM OF ALPHABETS

1. Diversity spectrum of alphabets is of the order and values of the diversity spectrum of existence phenomenon within Triloki.
2. Existence phenomenon within Triloki, in its diversity, is to be of the order and values range of the manifestation layer (3, 4, 5, 6).
3. This order and range is of the values and virtues Triloki (3-space) being sustained by Trimurti (Brahma, Shive, Vishnu presiding deity of 4, 5 and 6 space respectively).

4. The expression range of cube as representative regular body of 3-space within creator space (4 space) is of the range of seven versions of cube parallel to seven geometries of 3-space and as such it would emerge as the diversion spectrum width and depth.
5. This width and depth of the diversity spectrum of existence phenomenon within Triloki is reflected in the frames within which existence phenomenon remains lively.
6. Of it, existence of human beings within human frame, is of core features.
7. Trees, insects, birds and animals diversity is also there because of width and depth feature of their frames.
8. Even the five basic element mark their presence within Triloki in terms of width and depth of their dimensional frames.
9. Their diversity range, as such, turns out to be of the range of 26 elements, which together manifest as the geometric envelope for the cube itself as of components features of eight corner points, twelve edges and six surfaces.
10. This, this way makes unison process fulfilling the gap range of five basic elements and 26 existence display elements range, as of the order and values of the range $26-5=21=1+2+3+4+5+6$ -range of sathapatya measuring rod / range of 21 branches of Rigved as to be of the order and values range of the orb of the Sun itself.

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ALPHABET UNISONS

1. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse alphabet unisons with unity state alphabet.
2. Unity state alphabet assimilate the unity range features parallel to 'Earth to Pole star' range while the existence phenomenon within Triloki sustained by Trimurti is to be of self referral features.
3. Self referral range runs parallel to 'Earth to Sun range' and the interactive feature of self referral ranges brings into play the unity state range of 'Earth to Pole Star'
4. Here manifestation layer (4, 5, 6, 7) plays its role and provides needed manifestation format.
5. Along this manifestation format of manifestation layer (4, 5, 6, 7) with summation artifice value $(4+5+6+7)=22$, visarga range of the order and values of 22 visargas comes into play.
6. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to have sequential look at the range of 22 visargas (२२) (—) to imbibe their values for complete comprehension of the diversity spectrum of existence phenomenon within Triloki along the manifestation format of the manifestation layer (3, 4, 5, 6).

7. Within Triloki the diversity order of existence phenomenon is there because of seven geometries range of 3-space within creator space (4 space).
8. Diversity spectrum of existence phenomenon alphabets within Triloki would permit unison as Triloki itself is sustained by 'Trimurti'.
9. Unity state alphabet avails unity range parallel to 'Earth to Pole Star range', and as such it would be successful to provide unison for whole range of alphabets for Triloki sustained by Trimurti.
10. It would be blissful to have attainment of unison of alphabets with unity state alphabet.

*

Aspect-25

Creator's space fulfilled with transcendental values

I

1. Ancient wisdom preserves the way the creator space (4 space) is fulfilled with transcendental values.
2. Creator space (4 space) is located at center of 3-space.
3. As such origin seat / center of cube is of the format of hyper cube 4.
4. This way help us appreciate the ancient wisdom as to Vidyadhari in penance for marrying with Lord Brahma.
5. Ancient wisdom further enlightens as to Lord Brahma, Creator the Supreme and Lord Brahma lively within Shilla (slab).
6. It is parallel to the feature of diagonals of quadrilateral crossing at a point / center of square as a Bindu Sarovar (point reservoir).
7. From pentagon onwards, the diagonals cut out internal polygon of the same order around the center of the polygon.
8. It is this feature from pentagon onwards constructing out inner pentagons onwards which deserves to be chased as unfolding process of the Bindu Sarovar phenomenon of the creator space (4 space).
9. It is this chase of the unfolding process of the Bindu Sarovar of the creator space (4 space) which would help the sadkhas to comprehend and imbibe the values of the process of the way creator space (4 space) is fulfilled with transcendental values.
10. It is like the Bindu Sarovar of creator space (4 space) as a structured point of the order of the manifestation layer (2, 3, 4, 5) which accepting origin source as the seat of transcendental worlds (5-space / C) .

II

1. The source origin transcendental worlds (5-space / C) being of solid order transcendental values domain, as such it fountains solid order values within the Bindu sarovar (structured point) of the cs.
2. To begin with it be accepted as the phase and stage of compactified origins.
3. The start with position as a center of square, the same a step ahead as of the order of the inner pentagon, hexagon and so on, it shall be a transcendence path sequentially unfolding itself as of transcendental values (5-space), self referral values (6-space) and unity state (7-space).
4. As such the first expansion step of transcendence path within creator space (4 space) would be of the order and values of the transcendental worlds (5-space / C).

5. One shall have a stop here and chase it by permitting the transcending mind to remain in prolonged sittings of deep trans to glimpse this phenomenon of Bindu Sarovar / structured point of creator space (4 space) getting fulfilled with transcendental values.
6. It is this feature of transcendental worlds (5-space / C) of pentagon format having sequential emergence of pentagons within pentagons which makes the transcendental worlds (5-space / C) of inner folds of equal values.
7. This feature and format of a domain of Being of inner folds of equal values which is at the base of the incarnation phenomenon of the transcendental and higher domains.
8. Ancient wisdom well preserves the incarnations of Lord Shiv, the Lord of transcendental worlds (5-space / C) in Sri Shiv Puran in particular.
9. Likewise ancient wisdom as well preserves the phenomenon of incarnations of Lord Vishnu, in Vishnu Puran as well as in Adi Valmiki Ramayana and Ur-Mahabhartam.
10. One shall sit comfortably and permit the transcending mind to glimpse the incarnation phenomenon of Lord Shiv and Lord Vishnu as preserved in the Ancient wisdom scriptures.

III

1. Though the steps from transcendental values to self referral values is a next sequential step but it being the continuity steps as such it also deserves to be chased for its transition and transformation from first step of transcendental values to the step of self referral values.
2. As the origins are compactified and unfold sequentially as such, initially the Bindu Sarovar / structured point of creator space (4 space) as of manifestation layer format (2, 3, 4, 5) gets fulfilled with solid order values and only at the next step it gets fulfilled with the hyper solid order values.
3. In this sequence, at first step, solid order get super imposed upon the spatial order of the creator space (4 space) itself.
4. It would be relevant to note that along the manifestation layer format (2, 3, 4, 5), 3-space plays the role of boundary fold as well as of the role of solid order of origin fold.
5. It is this simultaneous pair of roles of 3-space which permits the superimposition of the solid order upon the spatial order of 4-space.
6. It is this super imposition of the solid order upon the spatial order which helps transit from the solid order to the hyper solid order of the manifestation layer path (3, 4, 5, 6).
7. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to comprehend and imbibe the values of transition and

transformation from the manifestation layer format (2, 3, 4, 5) to the manifestation layer path (3, 4, 5, 6).

8. It would be like initially the Bindu Sarovar of creator space (4 space) getting fulfilled with the transcendental values and then at the next stage, the same getting fulfilled with self referral values.
9. This, in a way would be a simultaneous process of 3 manifestation layers, namely (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) coming into play.
10. It is going to be the two fold process of double pair of manifestation layers namely (1, 2, 3, 4) and (2, 3, 4, 5), as well as (2, 3, 4, 5) and (3, 4, 5, 6).

IV

1. This double pair of manifestation layers namely (1, 2, 3, 4) and (2, 3, 4, 5), as well as (2, 3, 4, 5) and (3, 4, 5, 6) play when sequentially chase shall be transiting and transforming pair of transcendental ranges namely (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6).
2. The pair of transcendental ranges namely (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6) together shall be leading to a self referral range (1, 2, 3, 4, 5).
3. As such the sequential chase shall be sequentially taking us from manifestation layer (1, 2, 3, 4) to transcendental range (1, 2, 3, 4, 5) and ahead to the self referral range (1, 2, 3, 4, 5, 6).
4. It is going to be a phenomenon of four fold manifestation layer getting additional fold, being the base of origin fold.
5. A step ahead it shall be adding one another fold at base of the base of origin fold.
6. One shall sit comfortably and permit the transcending mind to chase this sequential phenomenon.
7. It would be blissful to chase the way the transcending mind itself sequentially transcends the sensory domain to intelligence domain to consciousness domain.
8. Taking sensory domain as the startwith domain parallel to the manifestation layer (1, 2, 3, 4), a transcendence step would lead to the transcendence range (1, 2, 3, 4, 5) parallel to the intelligence domain.
9. A step ahead it would be of the feature of intelligence field of transcendence range (1, 2, 3, 4, 5) going self referral of the format of self referral range (1, 2, 3, 4, 5, 6).
10. It is this phenomenon of sequential transcendence from sensory domain to intelligence field to consciousness state which deserves to be consciousness chased to comprehend the process of creator space (4 space) being fulfilled with transcendental values and steps ahead as self referral values, as well as the unity state.

V

1. As whole of this phenomenon, is infact the phenomenon beginning with the manifestation format, as such the chase of the phenomenon of incarnations is to begin with the existence phenomenon within frames.
2. As the hyper transcendental order (5-space) in the role of dimension leads to the unity state domain (7-space).
3. As such this incarnation phenomenon becomes the phenomenon of hyper solid order domain with repect to 6-space going transcendental order (unity state domain) (7-space).
4. Creative dimensional order (6-space) is of the order, values and format of Pursha.
5. Manifestation along Pursha format, being of human beings, as such the incarnation phenomenon becomes the phenomenon of incarnations within human frame.
6. With this feature the ancient wisdom preservation as expressions of incarnations of Lord Shiv and Lord Vishnu within human frame deserved to be comprehended and imbibed as such.
7. Human frame is a frame of pursha domain (6-space of creative order / 4-space in the role of dimension) and as such essentially the incarnation phenomenon becomes the phenomenon of creative dimension (4-space in the role of dimension) transiting and transforming into phenomenon of transcendental dimension (5-space in the role of dimension),
8. This be taken, as the phenomenon of transition and transformation from the role of 4-space as dimension to the role of 5-space as dimension.
9. This as the dimension of dimension level of 4-space being of spatial order shall be transiting to the role of dimension of dimension level of 5-space as of solid order.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of transition and transformation from spatial order to solid order as the phenomenon happening at the dimension of dimension level of the manifested creations.

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**MANIFESTATION OF
TRANSCENDENTAL VALUES**

I

1. Mathematics of manifestation of transcendental values is the mathematics of manifestation layer (3, 4, 5, 6).
2. It is the mathematics of solid dimensional order.
3. Further it is a mathematics of creative boundary and self referral origin.
4. However, essentially it is a mathematics of transcendental domain (5-space).
5. 5-space in 4-space is like sky in space.
6. It also marks its presence at a cipher state as volume sandwiched between the pair of facets of a surface.
7. The way cipher state volume unfolds and multiplies itself as a track of a moving surface becomes the subject matter of mathematics of 5-space / transcendental values.
8. The surface sandwiched at zero state between the pair of solid bits of volume and volume sandwiched at cipher state between pair of facets of surface are the features which deserve to be chased for comprehension of the mathematics of transcendental values.
9. Creative Bindu Sarovar / structured point of 4-space as comparison to the transcendental Bindu Sarovar / structured point of 5-space is of different values state.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to comprehend the values difference of the creative Bindu Sarovar and transcendental Bindu Sarovar.

II

1. Mathematics of transcendental values begins its chase with the creative Bindu Sarovar.
2. Starting with the values range of creative Bindu Sarovar reaches at the values range of the transcendental Bindu sarovar.
3. The tracks of creative Bindu Sarovar and transcendental Bindu Sarovar shall be projecting the differentiative feature of this pair of set ups.
4. Along with four folds of manifestation layers format, these tracks along each fold shall be leading to their differentialtion features.
5. One shall sequentially approach these tracks fold wise.
6. Starting with dimension folds, the respective tracks shall be of the orders and values of spatial order and solid order respectively.

7. Along boundary folds, the respective track shall be of the solid boundary and creative boundary.
8. Along domains folds, the respective tracks shall be of creative domain and transcendental domain.
9. As origin folds, the tracks would be of the transcendental origin and of self referral origin.
10. This as such will help appreciate the sequential transition and transformation process for the creative domain acquiring transcendental origin.

III

1. The phase and stage of creative domain acquiring transcendental domain is only one feature attainment.
2. 5-space, in its different roles is of 5 x 5 format.

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9
3. Let us have a fresh look at the above 5 x 5 matrix format.
4. It would prominently come to pointed attention as that it takes into account the whole Brahman range (1, 2, 3, 4, 5, 6, 7, 8,9).
5. Therefore to have a complete transition and transformation from creative Bindu Sarovar format to that of transcendental Bindu Sarovar format, the whole of the Brahman range is to be taken into consideration.
6. Here it would be relevant to note that hyper cube 4 is of solid boundary of eight components and further as that it has a solid dimensional order at its origin.
7. This way this nine solids fixation of creator space (4 space) shall be making available 9 solids which shall be helping approach transcendental domain in nine distinct ways.
8. This, this way would help provide mathematics of transcendental features approaching transcendental domain in nine different ways and the same with appropriate applications shall be helping attain a complete transition from creative bindu Sarovar to transcendental Bindu Sarovar.
9. This would be the way of the nine geometries of 4-space together leading to the transcendental domain.
10. It is this attainment of mathematics of transcendental values which deserves to be fully imbibed

IV

1. Nine geometries way of 4-space is the way of nine versions of hyper cube 4.
2. Of these nine versions, the startwith version would be of hyper cube 4 with its full boundary intact.
3. The last version, in this order would be of hyper cube 4 being completely free of its boundary.
4. The range of full boundary to freedom from boundary of creative domain, on its chase, shall be sequentially leading to the transcendental domain, which otherwise shall be in the role of the origin fold.
5. This approach of nine geometries of 4-space as such would be the approach of creator space (4 space) for fixation of its transcendental order.
6. As far as the initial eight versions of hyper cube 4 are concerned, in respect of the same solid boundary (components) and solid dimensional order at origin would that way get coordinated.
7. However at the last ninth version of hyper cube 4, as whole of the boundary stands stripped off, it shall be of a situation where the coordination for the transcendental domain would be of it to be of self referral state of creative dimensional order to provide coordination with the creative domain (4-space).
8. This in a way would be a situation of 4-space domain in the role of creative boundary of 5-space.
9. It is this phase and stage which deserves to be comprehended well as here the role of 4-space as well transits and transforms from its role as a 4-space domain to 4-space in the role of creative boundary of transcendental worlds.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans and the mind of creative format going transcendental with a self referral base.

V

1. Mind going transcendental is a feature which deserves to be chased with its all delicacies.
2. It would be a consciousness phenomenon.
3. Consciousness bits, essentially as creative Bindu Sarovars and being on the transcendental path is the phenomenon of the transcending mind.
4. Consciousness bits of creative bindu Sarovar format, as a starting position and the same transiting and transforming into the transcendental bindu sarovar format is the attainment par –excellence.
5. It ensures Brahman priviledge.
6. It would be a self referral evaluative stage.
7. Sadkhas can evaluate themselves about their priviledge of being alone the pilgrimage path of Brahman priledge.

8. To be fortunate for the Brahman privilege and ahead for the Par Braham privilege, one is to be satisfied with prolonged deep sittings of trans.
9. Brahman privilege of its own fulfills the transcending mind.
10. And Brahman privilege of its own also fulfills for the Par Braham privilege.

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ASPECT-27

HYPER CUBE 5 ONWARDS

I

1. Hyper cube 5 onwards namely H_N , $N=5, 6, \dots$ is a sequence which permits many ways to approach its features.
2. Of these approaches the approach of polygons is of great values.
3. Polygons sequence P_N , $N=5, 6, \dots$ is of characteristics feature as that P_N constructs a sequence of equal value polygons around the center of the polygon.
4. It is this feature which makes every polygon (pentagon onwards) as a sequence of polygons of equal values) which deserves to be chased as sequential generations of manifestations of identical formats.
5. It is this value of emergence of sequential generations of manifestations of identical formats which is at the base of lineages as well as of incarnations.
6. Both aspects of 'lineages as well as of incarnations' deserve to be individually chased.
7. 'Lineages aspect' marks its expression in 'seed to seed' range of existence phenomenon within frames.
8. 'Incarnations aspect' marks its expression in 'Incarnations of Lord Shiv', 'incarnations of Lord Vishnu'.
9. As such the chase shall be separately for a sequence of internal pentagons as well as for a sequence of internal hexagons.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to simultaneously chase the formats of sequences of pentagons as well as of hexagons.

II

1. Parallel to the chase of hyper cube 5 onwards along the formats of polygons from pentagon onwards, chase may be in terms of sequence of artifices 5 onwards.
2. The sequences of artifices 5 onwards namely (5, 6, 7, 8, ...) as inward progressions sequence shall be parallel to hyper cube 6 format for origin of hyper cube 5, hyper cube 7 format for origin of hyper cube 6 and so on.
3. It is this inward sequential progression values of artifices sequence (5, 6, 7, 8, ...) whose chase shall be simultaneously bringing to focus the emergence of sequence of sequences [(5, 5, 5, ...), (6, 6, ...), ...].
4. Here parallel may be had from the sequence of sequences of equal value inner polygons phenomenon from pentagon onward.
5. Illustratively (5, 5, 5, ...) would be parallel to the sequence of internal pentagons.

6. Likewise (6, 6, 6, —) would be parallel to the sequence of internal hexagons.
7. Further this chase shall be bringing to focus the equal values diagonals north east diagonal of the matrix format (5 x 5), (6 x 6) and so on:-

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

8. It would be relevant to note that present formats of equal values surface track of north east diagonals shall be bringing to focus the way special order for creative domains manifest and mark their presence.
9. Illustratively triangular view of prisum of 5 x 5 x 5 format shall be as follows

1	2	3	4	5
2	3	4	5	
3	4	5		
4	5			
5				

10. It would be a blissful exercise to sequentially chase prisms of 5 x 5 x 5, 6 x 6 x 6, 7 x 7 x 7, — formats.

III

1. The square face of prism 5 x 5 x 5 of equal values would be:-

5	5	5	5	5
5	5	5	5	5
5	5	5	5	5
5	5	5	5	5
5	5	5	5	5

2. Likewise would follow the square faces of prisms 6 x 6 x6, 7 x7 x 7 and so on.
3. It is this chase in terms of square faces which shall be leading to affine features of sequential transitions and transformations of creative values into transcendental values and of transcendental values into self referral values and so on.
4. This affine chase along artifices of numbers along surfaces sandwiched within solids / slabs (Shilla) is of special attention of the ancient wisdom.
5. The scripture Yog Vasishast chases Lord Brahma, creator the supreme within Shilla (slab).
6. In continuity, chase is to be for transition and transformation from creative dimension to transcendental dimension.

9. A step ahead would be a transcendence to transcendental format of hyper cube 5 format.
10. It is this chase which shall be, of its own leading to the Brahman privilege.

V

1. Par Braham privilege shall shun all logic.
2. It shuns all format.
3. It even shuns the affine values,
4. And even transcendental virtues.
5. The self referral state or unity state of consciousness as well may not be of any help.
6. That it transcends the Brahman state, is of its own features, orders, values, virtues and all that.
7. One may aspire to sequentially reach unity state but beyond that it is only the privilege which may or may not follow.
8. It even may not be known as to why it is not following or that it may follow or not.
9. And at what time, and at what phase and stage of lineage steps of the existence phenomenon.
10. One shall always wish and aspire for the Brahman privilege as well as for the Par Braham Priviledge

ASPECT-28

TRANSCENDENCE THROUGH MANIFESTATION LAYERS

I

1. The features of creative dimension transiting and transforming into transcendental dimension deserve to be sequentially chased.
2. This process is going to be the process of transcendence through manifestation layers.
3. Of most practical values, it would be advisable to be through the process of transcendence along Pursha format.
4. Of it as well, the focus shall be upon the Shad Chakra format of human frame.
5. Being along Pursha format, as such these shad chakra format shall be of the features of manifestation layers, first of which, as first chakra shall be of the format of the manifestation layer (1, 2, 3, 4).
6. It is the transcendence from manifestation layer (1, 2, 3, 4) to the next manifestation layer (2, 3, 4, 5) which would be of the order and values of transcendence from first chakra format to second chakra format.
7. Like that, at the next step, the process would be of the features of transcendence from second manifestation layer (2, 3, 4, 5) to the third manifestation layer (3, 4, 5, 6).
8. A step ahead it would be transcendence from manifestation layer (3, 4, 5, 6) to the manifestation layer (4, 5, 6, 7).
9. With it a phase and stage would arise to transcend ahead from fourth chakra format (4, 5, 6, 7) to fifth chakra format (5, 6, 7, 8).
10. It is in this sequence that the transcendence process shall be leading to the phase and stage of transition from manifestation format (5, 6, 7, 8) to the manifestation format (6, 7, 8, 9).

II

1. This five steps range of the transcendence process from (1, 2, 3, 4) to (2, 3, 4, 5) as first step and as (5, 6, 7, 8) to the last step (6, 7, 8, 9), deserves to be chased sequentially.
2. It shall be covering the Brahman range of all nine steps (1, 2, 3, 4, 5, 6, 7, 8, 9).
3. It initially would be of the order of nine geometries range of hyper cube 4 and shall be transiting into bifurcation of brahman range as a pair of phases and stages of the transcendental range order as (1, 2, 3, 4, 5) and (5, 6, 7, 8, 9).
4. It is this sequential transcendence along pair of dimensions of spatial order, which shall be ultimately fulfilling the shad chakra as of format (6, 7, 8, 9) with $6=3+3$ and $9=3 \times 3$ with a unity state of the features of transcendental take off

from the braham randra (6th chakra) and the Being would be riding the transcendental carriers of Sun light.

5. This, this way would require the sadkhas to sequentially transit from one chakra to next chakra.
6. The attainment of the transition from first chakra to the second chakra would be of the order of pair of manifestation layers (1, 2, 3, 4) and (2, 3, 4, 5) availing a transcendence range (1, 2, 3, 4, 5).
7. As such the transition from first chakra to the second chakra is to be of the transcendence range format (1, 2, 3, 4, 5).
8. Therefore the chase of transition from first chakra to second chakra is to be of the features of the way the transcendence range (1, 2, 3, 4, 5) shall be manifesting as a pair of manifestation layers.
9. As such this chase is to be of two steps, the first would be in reference to the manifestation layer (1, 2, 3, 4) and the transcendence range (1, 2, 3, 4, 5).
10. The second step in the sequence would be of the features of manifestation layer (2, 3, 4, 5) along the transcendence range (1, 2, 3, 4, 5)

III

1. The pair of manifestations (2, 3, 4, 5) and (3, 4, 5, 6) shall be availing the transcendence range (2, 3, 4, 5, 6).
2. Here the first phase chase would be of manifestation layer (2, 3, 4, 5) in reference to the transcendence range (2, 3, 4, 5, 6).
3. It would be relevant to note that while transcending from first chakra format to second chakra format, the chase would be of manifestation layer (2, 3, 4, 5) in reference to the transcendence range (1, 2, 3, 4, 5).
4. However here during transcendence from second chakra to third chakra format, the chase would be of the manifestation layer (2, 3, 4, 5) in reference to the transcendence range (2, 3, 4, 5, 6).
5. Accordingly the focus in reference to the manifestation layer (2, 3, 4, 5) shall be in reference to both the transcendence ranges (1, 2, 3, 4, 5) as well as (2, 3, 4, 5, 6).
6. This focus of the process in respect of the manifestation layer (2, 3, 4, 5) for pair of transcendence ranges (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6) shall be of the format of self referral range (1, 2, 3, 4, 5, 6).
7. It would be relevant to note that at the middle of this self referral range (1, 2, 3, 4, 5, 6) is the manifestation layer (2, 3, 4, 5).
8. Accordingly the creative dimensional order in respect of self referral range (1, 2, 3, 4, 5, 6) comes to be the manifestation layer (2, 3, 4, 5).
9. It is this feature of the manifestation layer (2, 3, 4, 5) playing the role of creative dimension for the self referral range (1, 2, 3, 4, 5, 6) becomes of central importance for the role of the manifestation format of second chakra.

10. One shall sit comfortably and permit the transcending mind to chase the role of creative dimension of manifestation layer (2, 3, 4, 5).

IV

1. The central focus of third chakra of the manifestation format (3, 4, 5, 6) shall be in respect of its creative dimension role for the self referral range (2, 3, 4, 5, 6, 7).
2. It would be relevant to have a sequential progression steps to reach at the creative dimension role for the manifestation layer (3, 4, 5, 6).
3. Here as 3-space would be playing the role of dimension, so at dimension of dimension level it shall be leading to the role of 1-space.
4. It is in this context that the role of manifestation layer (3, 4, 5, 6) would shift a focus to the manifestation layer (1, 2, 3, 4).
5. It is this interconnection of the pair of manifestation layers (1, 2, 3, 4) and (3, 4, 5, 6) which would deserve to be chased to comprehend the interconnection of first chakra with the third chakra.
6. Further it would provide insight about the interconnection of the self referral ranges (1, 2, 3, 4, 5, 6) and (2, 3, 4, 5, 6, 7).
7. With it the chase of the transcendence process from one manifestation format to the next manifestation format shall be sequentially shifting focus from (1, 2, 3, 4), (1, 2, 3, 4, 5) and (1, 2, 3, 4, 5, 6).
8. Further it also shall be focusing upon (2, 3, 4, 5) at the middle of the range (1, 2, 3, 4, 5, 6).
9. Also the focus would be upon the second limb of the transcendence range (1, 2, 3, 4, 5) i.e. upon (2, 3, 4, 5).
10. One shall sit comfortably and have a sequential chase of transitions from one chakra format to the next chakra format.

V

1. The transcendence process which shall be sequentially transcending through the pair of consecutive manifestation formats would be at work while the sadkhas shall be on the transcendental meditation path.
2. It would be the path of creative dimensions transcending into transcendental dimension.
3. In general its format would be of four fold manifestation layers (N, N+1, N+2, N+3) to five fold transcendental ranges (N, N+1, N+2, N+3, N+4)
4. Sadkhas shall sequentially glimpse the transition starting from first chakra format and reach at the sixth chakra format.

5. As a result thereof, the sixth chakra format shall be going transcendental of a unity state with which the Being shall be taking off from braham Randra (sixth chakra).
6. It is this phase and stage of the sadhana which shall be a wait for the Brahman privilege.
7. Senior Sadkhas preserve their experiences an advice patience and faith for this privilege.
8. As it is a privilege, neither one can afford impatience nor can dilute faith.
9. Also it be taken as that being a privilege it is to have its own way to decende
10. The Brahman privilege may blissfully lead to Par Braham privilege as well.

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1. Sri Shiv Puran is a Vedic scripture of transcendental worlds Amongst other features, in its Shatrudrasamhita spreading over its 42 chapters, it enlightens about the incarnations of Lord Shiv. The titles of these 42 chapters are as follows:-

1. Five incarnations of Siva
2. Eight forms of Siva
3. Half female incarnation of Siva
4. Story of Rsabha
5. Nineteen incarnation of Siva
6. Incarnation of Nandisvara
7. Coordination and the nuptials of Nandisvara
8. Incarnation of Bhairava
9. Sports of Bhairava
10. Narration of Man-lion
11. Incarnation of Sarabha
12. Incarnation of Sarabha (continued)
13. Incarnation of Grhapati
14. Incarnation of Grhapati (continued)
15. Incarnation of Grhapati (continued)
16. Incarnation of Yaksvara
17. Incarnation of Siva
18. Eleven incarnations of Siva
19. Narrative of Durvasas
20. Incarnation of Hanumat
21. Incarnation of Mahesa
22. Harrassment of Visnu's sons and the incarnation of Bull
23. Incarnation of Bull (continued)
24. Incarnation of Pippalada
25. Incarnation of Pippalada (continued)
26. Incarnation of Vaisyanatha
27. Incarnation of Dvijesvara
28. Incarnation of Yatinathaharnsa
29. Incarnation of Krsnadarsana
30. Incarnation of Avadhuesvara
31. Incarnation of Bhiksuvarya
32. Incarnation of Suresvara

33. Incarnation of Brahmacharin
34. Incarnation of Sunartakanata
35. Incarnation of Saintly brahmin
36. Incarnation of Asvathaman
37. Incarnation of Kirata
38. Description of Arjuna's penance
39. Slaying of the demon Moka
40. Kirata Arjuna dialogue
41. Incarnation of Kirata (continued)
42. Twelve Jyotirlinga incarnations
- 43.. It would be advisable that to have proper comprehension and insight about the phenomenon of incarnations, one shall be through the text of Shatrudrasamhita, every day, atleast for a week.

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ASPECT 30 TO 36
INCARNATIONS TEXT BOOKS

1. Shatrudrashita is transcendental incarnations text book.
2. It is a part of bigger scripture of transcendental values, namely, Shiv Puran.
3. For imbibing the enlightenment of incarnations, sadkhas shall be through the text of Shatrudrasahita.
4. One shall be through this text in the sequential order in which this unfolds itself.
5. There may be a need for more than one readings of the text.
6. Which may be a large number of renderings of this text which may go on intensifying the insight of its organization format.
7. To start with, it may be taken that first chapter of this text book is of the format of five solid dimensional frame of transcendental worlds and it, up till its last i.e. fourty second chapter shall be of the format of transcendental boundary of self referral domain as of 12 components parallel to formats of dwadash adityas, and manifesting as dwadash lingam.
8. Here it may be relevant to have a fresh look at the English word FIRSTLING.
9. This composition is being 'FIRST LING'.
10. As the source origin of creator space (4 space) is of transcendental values order, as such the sequential chase of incarnations in terms of this incarnations text books shall be the origin of creator space (4 space).
11. Here It would be relevant to note that inflow of transcendental values from source origin within domain fold (4-space) is the phenomenon which also simultaneously would initiate the inflow of creative values into the source origin itself.
12. It would on the one hand shall be fulfilling 4-space with transcendental values, and the same, on the other hand shall be fulfilling solid dimensional order with creative (4-space) values.
13. It would further be relevant to note that this two fold phenomenon shall be on the one hand shall be transforming 4-space domain into 5-space domain, and on the other hand simultaneously it also shall be transforming solid dimensional order into hyper solid dimensional order.
14. With this insight above two fold phenomenon, one may sequentially approach the Shatrudrasahita as of the organization features (1) of five solid dimensions frame and parallel there to be the phenomenon of five incarnations of lord Shiv (2) Eight fold solid boundary of creator space (4 space) and parallel to it their being the phenomenon of eight incarnations of Lord Shiv (3) creator space (4 space) being of spatial order admitting mathematics of '2' as '1' and thereby making available half measure, and parallel there to would be the phenomenon of Ardhnarishwar (half man – half woman) and like that the sequential steps to unfold different features of organization format of Shatrurdasamhita with its last chapter '42' being of the

organization feature of 12 transcendental components of the boundary of self referral domain (6-space).

15. One shall got to the shelter of Shiv Puran again and again, during these weeks, to blissfully reach at 42 steps long features range of the organization format of the text of Shatrudrasamhita.

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4-space mathematics

I

1. 4-space is designated and is known as creator space (4 space).
2. The distinguishing feature of 4-space is that it is a spatial order space.
3. With it 4-space mathematics becomes a mathematics of artifice 2 as well as of spatial measures.
4. Vedic mathematics approaches 4-space with '2 as 1'.
5. With '2 as 1', it becomes the mathematics of Ardh matra / half measure.
6. Split of measure as pair of halves is like the split of spatial dimension into a pair of linear dimension.
7. Two dimensional frame permits split into a pair of two dimensional frames of half linear dimensions.
8. To Work out spatial dimensional order in terms of a two dimensional frame of half dimension becomes the special mathematical model of 4-space mathematics.
9. The distinguishing feature of artifice four being of characteristics $2 + 2 = 2 \times 2 = (-2) \times (-2)$ and further as that $4^2 = 2^4$ makes the mathematics of 2 being of different values than that of mathematics of '1 as 1'.
10. One shall sit comfortably and permit the transcending mind to chase distinguishing features of mathematics of 2 as 1 than that of the mathemaics '1 as 1'.

II

1. Mathematics of '1 as 1' is of linear order 3-space of linear axis format / of line / interval format, while mathematics of '2 as 1' is of spatial order of 4-space of spatial dimension format / surface / square format.
2. Mathematics of '1 as 1' is of full units while mathematics '2 as 1' is of half units.
3. Upper limit of mathematics of 1 as 1 attains first element (Earth) while upper limit mathematics of 2 as 1 attains second element (Water).
4. It would be relevant to note that the classical unsolved mathematical problems like Fermat last theorem, Goldbach theorem, Existence of every where continuous but no where derivable functions remained unsolved only under mathematical tool of '1 as 1'.
5. These unsolved mathematical problems infact bring to focus the limits of mathematical tools of '1 as 1'.
6. These mathematical problems get solved mathematical tool of '2 as 1'.

7. It would be relevant to note that solids / 3-space bodies transits and transforms into structural set ups of hyper cube 4 as four fold manifestation layers (1, 2, 3, 4) / (1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin).
8. With it center of cube becomes the seat of creative source origin of spatial order and as such being of distinguished features than that of every other point of cube.
9. It would bring to focus as that while center of the cube would deserve to be approached in terms of mathematics of 2 as 1' while every other point of the cube (domain/ volumnme) would deserve to be approached in terms of mathematics of '1 as 1'.
10. One shall sit comfortably and permit the transcending mind to chase cube as 3-space body being hyper cube 3 within creator space (4 space) of spatial order and manifesting as a four fold manifestation layer (1, 2, 3, 4) / (1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin).

III

1. Mathematics of '1 as 1' approaches 3-space in terms of three dimensional frame of linear dimensions while mathematics of 2 as 1 approaches 4-space in terms of four dimensions of spatial set ups.
2. Ancient wisdom designates 4-space dimensional frame as swastik frame superimposed upon origin of 3-space / center of cube.
3. Swastik frame so super imposed upon origin of 3-space / center of cube churns out spatial order values from within the origin / center.
4. The spatial order values manifest outward expending concentric circles formats.
5. The churning process as an end result splits three dimensional space into eight octants enveloping the creator space (4 space) which was so far sealed at origin of 3-space / center of cube.
6. Further as a consequence 3-space as eight octants / cube as eight sub cubes accept a new role as of solid boundary of eight components of creator space (4 space).
7. It is this transition and transformation phenomenon of reaching from cube as hyper cube 3 to hyper cube 4 as manifestation layer (2, 3, 4, 5) / (2-space as dimension, 3-space as boundary, 4-space as domain and 5-space as origin) deserves to be chased completely to imbibe fully its value.
8. Parallel to cube, hyper cube as well shall be having its center as being of distinguishable structure as it being of solid dimensional order than that of every other point of hyper cube 4 being of structures of spatial order.
9. It would be relevant to note that the origin of 4-space being of a solid dimensional order shall be bringing to focus yet an another role for 3-space.
10. One shall sit comfortably and permit the transcending mind to sequentially chase the roles of 3-space as domain fold / volumnme of cube, as boundary fold as solid

boundary of 4-space and as solid dimensional order of source origin of creator space (4 space).

IV

1. During the churning process at the center of cube leading to release of creator space (4 space) with hyper cube 4 as its representative regular body, a step ahead this process shall be leading to release of transcendental domain (5-space) at the source origin of creator space (4 space).
2. This release of transcendental domain at source origin of creator space (4 space) being of a solid order, as such because of the spatial order of 4-space churning would be of two fold steps, at five space as domain as well as at 3-space as domain being in the role of dimension.
3. It is this churning feature at the source origin of creator space (4 space), is of transcendental features, as much as that there churning is not only going to be within 5-space as domain but also within its solid dimensional order as well.
4. The phenomenon of simultaneous churning of domain as well as of dimensional order is of unique features which make mathematics of 2 as 1 being of very special features and these special feature deserve to be chased completely for imbibing their values fully.
5. As churning at solid dimensional order would amount to release of creator space (4 space) within each of the five solid dimensions, as such this five fold creative spaces simultaneous release deserve to be chased completely and to imbibe fully.
6. This phenomenon of release of creator space (4 space) within each of solid dimension is in continuity of and is parallel to 3-space playing the role of origin fold of the manifestation layer (0, 1, 2, 3).
7. The simultaneous chase of above phenomenon would bring into focus the spatial order itself being of a manifestation format of manifestation layer (0, 1, 2, 3).
8. It is chase of spatial order as manifestation layer (0, 1, 2, 3, 4) / 0-space as dimension, 1-space as boundary, 2-space as domain as 3-space as origin) would bring to focus the role of 0-space as dimensional order of 2-space.
9. It is this feature of 0-space being in the role of dimension of dimension of creator space (4 space) which makes the mathematics of 2-space as mathematics of spatial dimensional order, as well as of 0-space as dimension of dimension of creator space (4 space).
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to be face to face with the role of 0-space as dimensional order of 2-space which itself is to play the role of dimensional order of creator space (4 space).

V

1. The ancient wisdom deserves mathematical model of grids format (Vrishni) to reach at dimension of dimension order.
2. The grid zones, with coordination of grids center works out in grid format super imposed upon another grid format.
3. It is this sequential process of super impositions of grids over grids which by appropriate applications can help work out simultaneously domains, dimensions and dimensions of dimensions order.
4. $N \times N$ grid shall be making available $(N-2) \times (N-2)$ grid format of centers of grid zones of $N \times N$ grid.
5. With it N -space and its dimensional order $(N-2)$ space would get coordinated for simultaneous chase.
6. A step ahead, the further super imposition of $(N-4) \times (N-4)$ grid upon $(N-2) \times (N-2)$ grid zones shall be leading from dimensional order to dimensions of dimensional order itself.
7. Here it would be relevant to note that for its attainment the super impositions of grid formats over grid formats in terms of centers of grid zones would require to be appropriately adjusted.
8. To have proper appreciation of the need for appropriate adjustment, one may start with 5×5 grid yielding 4×4 grid zones and their centers initially making available 4×4 grid whose centers coordination is to yield 3×3 grid but the centers of above 4×4 grid would get super imposed upon the cross points of start with 5×5 grid.
9. It is this super imposition of cross points of 5×5 grid and of 3×3 grid which would bring into focus the need for appropriate adjustment for chasing domain values as well as dimensional values, and likewise from dimensional values, dimension of dimension values while working with grid formats work out the mathematics of 2 as 1.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deed sittings of trans to ascertain appropriate adjustment needed while working with grids format as a model of mathematics of '2 as 1'.

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ASPECT-38

4-SPACE SCIENCES

I

1. Sciences domain formally may be defined as concerning the space content.
2. 4-spaces sciences, as such are concerned about 4-space content.
3. 4-spaces sciences domain accordingly would be of volume of features ascertainable with mathematical certainty and technology workable.
4. Only such features of 4-space content which fall within mathematical certainty on the one hand and the technological workability on the other hand are designated as scientific features of concerned space feature.
5. 4-space is designated and is known as creator space (4 space) as it provides manifestation format for whole range of creations because of its spatial dimensional order.
6. The core feature of 4-space content is that it itself manifests along manifestation format of 4-space as hyper cube 4.
7. Therefore the upper limit of 4-space sciences is to be of the order and values of 4-space domain.
8. 4-space domain is third fold of the manifestation format for which the role, as such is played by 4-space content.
9. Likewise the whole range of dimensional spaces contents play third fold roles for their respective dimensional bodies as manifestation layers within creator space (4 space).
10. With it, this feature of every space content being third fold of the manifestation layer shall be making 4-space sciences to be of additional values as much as that here in addition to the features of 4-space content, the features of 5 and higher dimensional spaces as well as of three and lower spaces content can be projected with the spatial dimensional constraints of creator space (4 space).

II

1. The different roles of 4-space content as dimension fold, boundary fold, domain fold, origin fold and even base of origin fold and step ahead as format beneath the base of origin fold shall be characteristically adding to the scientific features of 4-spaces sciences domain.
2. Of it, the prominent role of 4-space content as dimensional order of 6-space shall be providing projection for scientific features of 4-spaces sciences within self referral 6-space domain.
3. With it the measuring rod of 6-space may be available for scaling the projection of the upper limit of 4-spaces sciences domain.

4. The external features of measuring rod of 6-space which run parallel to shed chakra format of human body shall be in the sequential order of 2, 4, 6, 8, 10, 12.
5. This range were given as half measuring unit shall be covering up till half range (2, 4, 6).
6. With it the covering fold possible for simultaneous transcendence and ascendance as sequential triple steps (2, 4, 6).
7. This cover shall be providing fixation coordinates for the respective domains as of order 1 x 2, 2 x 4, 3 x 6, 4 x 8, 5 x 10 and 6 x 12.
8. The mathematics of 2 as 1 shall be providing a jumps and shall be taking to a sequential order 1 x 2, 3 x 6, 5 x 10.
9. Study zone of Srimad Bhagwad Geeta avails this organization format of micro level existence phenomenon, parallel to which the present day periodic table coordination of elements is emerging.

Geeta study Zone figure

10. One shall sit comfortably and permit the transcending mind to have comparative chase of the ancient wisdom approach of Srimad Bhagwad Geeta Study zone as well as of the present day periodic table coordination of elements.

III

1. Mundane technologies of linear order of 3-space are parallel to the technologies of solids formats, while the micro technologies of spatial order of 4-space are parallel to the technologies of water element format.
2. With it, the sciences of 4-space become water element specific.
3. Water element format covers whole range of liquids / liquefied contents.
4. Water format and micro level flow formats as of the orders of the external characteristics of the measuring rod run parallel to each other.
5. Solid domains fulfilled with liquids would make solids in a liquefied states set ups and accordingly chase would transit and shift from linear order set ups to spatial order set ups
6. With it the focus and attainments of 4-space sciences naturally would be of different features and attainments than that of 3-space sciences.
7. Also 4-space sciences, naturally would be of different features than that of 5-space sciences whose focus is to be upon fire element and also upon the solid order.
8. Different elements in their liquefied states shall be working out different features of 4-space sciences.
9. This way would emerge grouping and re-organizaition of features of 4-space content at its spatial dimensional formats as a range of Disciplines of 4-space sciences.

10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of re-grouping and organization of different features of 4-space content manifesting as a range of discipline of 4-space sciences.

IV

1. 4-space content, in the context of 3-space matter, is to be of un expressed features vis-à-vis the expressed features of physical matter.
2. Ancient wisdom approaches it as Avakata and Vyakata respectively.
3. The same is approachable vis-à-vis light being darkness.
4. One way to approach 4-spccce content is as Dark matter.
5. Dark matter, as 4-space content, naturally shall be of distinct features than those of the physical matter of 3-space.
6. Dark matter accordingly is to be approached along spatial dimensional format.
7. It also may be approached at the gaps of the odds sequence (1, 3, 5, 7, —).
8. Likewise physical matter may by suitable adaptation may be approached at the gaps of even sequence (2, 4, 6, 8, —)
9. To bridge the gaps / voids, as such would become the basic skills need by availing synthesis stitches to be provided by the dimensions of dimensions.
10. It is the mathematics of synthesis of dimension of dimesion by availing synthesis stitches provided by dimensions of dimensions which deserves to be completely imbibed to workout the sciences of 4-space for their applied values and technologies.

V

1. Synthesis of dimensions Discipline of 4-space mathematics to be availed by 4-space sciences works as a pair of dimensions availing one synthesis stitch, three dimensions availing pair of synthesis stitches and in general N dimensions availing (N-1) dimensional stitches.
2. N-space as dimension shall be availing (N-2) space as dimensional stitch.
3. Mathematics of pair of dimensions synthesis, as such shall work out as of values $N+N - (N-2)=N+2$, which is like N dimension leading to N+2 domain.
4. Mathematics of 3 dimension synthesis shall work out as of values $(N+2) + N - 2 (N-2) = 6$, a unique feature as that synthesis of three dimensions of any dimensional order shall always be leading to 6-space.
5. Mathematics of 4 dimensions synthesis shall work out as of values :-
 $6 + N - 3 (N-2) = 12 - 2 N$, which for value N=6 shall be leading to 0-space
6. Mathematics of 5 dimensions synthesis shall work out as of values:-

$(12 - 2 N) + N - 4 (N-2) = 20 - 5N$, which for value $N=4$ shall be leading to 0 space.

7. Here it would be relevant to note that mathematics of 4 dimensions of 6-space, namely the synthesis of four self referral dimensions, leads to 0-space which is dimension of dimension of dimension of 4-space, a unique transcendental phenomenon of providing sequential transcendence amongst the sequential dimensional orders.
8. Likewise synthesis of five creative dimensions shall be leading to 0-space, which is dimension of dimension of creator space (4 space) itself.
9. It would be blissful exercise to chase the synthesis of six dimensions which shall be working out the values as $(20 - 5N) + N - 5 (N-2) = 30 - 9 N$, a phase and stage which would never lead to 0-space.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the mathematics of synthesis of any number of dimensions of any dimensional order.

4-SPACE TECHNOLOGY**1****4-SPACE TECHNOLOGY-I**

1. 4-space technology is all about the applied values of 4-space body format.
2. It is a four fold format.
3. The four folds are of dimension, boundary, domain and origin features.
4. In general this format is expressible as (N, N+1, N+2, N+3) / (N-space, N+1 Space, N+2 space, N+3 space) / (N space as dimension fold, N+1 space as boundary fold, N+2 space as domain fold and N+3 space as origin fold).
5. In particular (1, 2, 3, 4) is the format for manifestation of 3-space set up as 3-space bodies (with focus upon domain fold).
6. These different folds roles in case of manifestation layer (1, 2, 3, 4) are played by the respective space content of 1-space, 2-space, 3-space and 4-space respectively.
7. One shall have a fresh look at the set up of the cube.
8. The dominant expression features here are of its volumme, because of which it is of the features of solid bodies of 3-space.
9. Solids as 3-space bodies retain focus only upon its volumme being expression of 3-space content.
10. However, it in 4-space gets expressions for its other folds like that of linear dimension, spatial boundary and hyper solid origin and it is this expression for its all folds which makes cube as hyper cube 3 (with 1-space content expression as linear dimension, 2-space content expression as spatial boundary, 3-space content expression as volumme and 4-space content expression as origin).

2**4-SPACE TECHNOLOGY-II**

1. Hyper cube sequence [(-1, 0, 1, 2) / Hyper cube 1, (0, 1, 2, 3) / Hyper cube 2, (1, 2, 3, 4) / Hyper cube 3, (2, 3, 4, 5) / Hyper cube 4, (3, 4, 5, 6) / Hyper cube 5 and so on] is sequentially chase by 4-space technology.
2. Hyper cube 4 (2, 3, 4, 5) as such being the representative regular body of 4-space, manifesting in 4-space along its own four fold manifestation format, as such becomes the prime format for 4-space technology.
3. Ancient wisdom preserves that even the Creator the supreme, Lord Brahma, the presiding deity of 4-space, manifests its own idol along the hyper cube 4 format and as such He has four heads (parallel to four dimensions of 4-space), and each head is equipped with a pair of eyes (parallel to spatial dimensional order of 4-

space) and there is a lotus seat of eight petals (parallel to eight components solid boundary of 4-space).

4. Ancient wisdom, further enlightens as that Lord Brahma meditates in His own heart (parallel to origin fold of hyper cube 4) upon His lord, Lord Shiv, the Lord of transcendental worlds (5-space / C) / (parallel to 5-space in the role of origin of 4-space).
5. Ancient wisdom, further enlightens as that while so meditating, Lord Brahma goes transcendental and multiplies Himself ten fold (parallel to ten fold creative boundary of transcendental worlds).
6. This as such, brings to focus the transcendental features of 4-space technology which deserve to be fully imbibed.
7. Each fold of (2, 3, 4, 5) / four fold manifestation layer together manifesting hyper cube 4, deserves to be chased by the students of 4-space technology.
8. This chase is to be in sequential order as transition from one fold to the next fold as well is a basic feature of 4-space technology whose complete comprehension only would help imbibe its values.
9. It would be blissful exercise to tabulate the features of each of the fold of the manifestation layer (2, 3, 4, 5), which as well is going to be of the format of the manifestation layer (N, N+1, N+2, N+3) for N+2=2, 3, 4 and 5 respectively.
10. This way the expression format for such tabulation would be of the features of 4 x 4 matrix format for the features of each fold, as follows:

For different roles of 2-space

-1	0	1	2
0	1	2	3
1	2	3	4
2	3	4	5

For different roles of 3-space

0	1	2	3
1	2	3	4
2	3	4	5
3	4	5	6

For different roles of 4-space

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

For different roles of 5-space

2	3	4	5
3	4	5	6
4	5	6	7
5	6	7	8

3

4-SPACE TECHNOLOGY-III

1. Spatial order focus would be upon 2-space in its set up as surface / square.
2. One shall have a fresh look at the set up of the square with '2 as 1' approach.
3. It shall be bringing to focus as that this set up is of 9 points (four corner points and four middle point of the four edges and one center), 12 lines (2 x 4 parts contributed by four edges and 2 x 2 lines contributed by the pair of axis with center as origin) 6 surfaces (four grid zones and two facets of the square).
4. This is parallel to 9 points (8 corner points and one center of cube), 12 edges of the cube and six surfaces of the cube.
5. This would help us appreciate the way pair of facets of surface / square sandwiched the volume at cipher value.
6. This would further help us appreciate the way spatial order would transit into solid order.
7. It also would bring to focus the way 2-space as dimension transits into the role of 3-space as boundary.
8. Still further it would also bring to focus the way cube would split into eight sub cubes and the way the solid boundary would split into eight components.
9. It would be blissful exercise to chase the phenomenon of sequential transition from the role of 2-space as dimension to that of 3-space as boundary of eight components.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to chase spatial dimensional order for its features with focus as to the way it transits and transforms into the role of solid boundary of eight components of hyper cube 4.

4

4-SPACE TECHNOLOGY-IV

1. The transition and transformation from the role of solid boundary to that of source origin of solid dimensional order deserves to be chased.
2. One shall have a fresh look at the set up of hyper cube 4.
3. Hyper cube fully manifests 4-space content as domain fold.
4. With this manifestation of 4-space content in its exhaustive way, it sets itself within 5-space all around.
5. One shall again have a fresh look at the set up of hyper cube 4 as 4-space enveloped within 3-space / solid boundary and the whole set up being within 5-space, which is of a solid dimensional order.

6. It would bring to focus the way solid boundary with its strip off from 4-space domain shall be working out 5-space dimensional structures while the 4-space domain itself shall be providing hyper dimensional structures for 6-space origin source of 5-space.
7. Technologically, solid boundary transforming itself in the role of solid dimensional order and simultaneously hyper solid domain (4-space) transforming itself in the role of hyper dimensional order (creative order) is a phenomenon which deserves to be chased completely and to be imbibed fully.
8. It is the feature of boundary and domain simultaneously playing their respective roles makes the sequential order of domain boundary ratios $A^N : 2N B^{N-1}$ for $N=1, 2, 3, 4, 5, 6$, in particular, to be of great technological values.
9. In addition the role of triples $(N, N+2, N+4)$ particularly for $N=2$ is of great technological value for the four space technology discipline.
10. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon of the roles of triple $(2, 4, 6)$.

5

4-SPACE TECHNOLOGY-V

1. Role of transcendental origin of creator space (4 space) is of great mathematical, scientific and technological promises.
2. It has the promise of transcending from Suksham Sharir to Karan Sharir.
3. It is this attainment with which one can simultaneously live at all the three platforms of Sathul Sharir, Suksham Sharir and Karan Sharir.
4. It would infact be a transition from spatial order to solid order, and parallel to it there would be a transition from second chakra to third chakra of human frame.
5. It would be blissful exercise to chase this three fold existence phenomenon as simultaneous linear order, spatial order and solid order existence phenomenon.
6. Further it is parallel to the simultaneous play of triple artifices $(1, 2, 3)$.
7. Parallel to it would be the availability of triple formats of (internal, square and cube).
8. It would be relevant to note that $(A+2)^N$ for $N=1, 2, 3$ runs parallel to the geometric / structural components of interval, square and cube.
9. As $(1, 2$ and $3)$ is the only triple of consecutive three primes, as such the first three folds of manifestation layers accordingly have the dominant role to play for the manifested creations phenomenon.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to glimpse different features of the discipline of 4-space technology.

4-SPACE V.M.S & T

1

4-SPACE V.M.S & T-I (CONTENT FOCUS)

1. 4-space Mathematics, 4-space Sciences and 4-spaces Technology are the disciplines of the basic discipline of 4-space VMS & T.
2. 4-space VMS & T has its different focus centers like content focus, body focus, carriers focus.
3. The different approaches of 4-space VMS & T, amongst others, ultimately are of artifices centric and geometric format center.
4. Artifices centric and geometric format centric approaches of Vedic mathematics, science and technology disciplines of all dimensional spaces are of the values of Sankhiya Nishtha and Yoga Nishtha.
5. Artifice 4 and hyper cube 4 as such are of ultimate help for this pair of approaches of 4-space VMS & T .
6. Artifice 4 runs parallel to dimensional frame of four dimensions of 4-space.
7. Hyper cube 4 manifests 4-space content as its domain fold.
8. As such content focus of 4-space VMS & T would be upon Bindu Sarovar of creative features / 4-space content point within spatial dimensional frame of 4-dimensions.
9. Ancient wisdom works it out as Bindu Sarovar of creative values super imposed by a swastik frame which churns at the center / origin of Bindu Sarovar (point reservoir) in east- south – west – north orientation.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of 4-space content churning within Swastik frame.

2

4-SPACE V.M.S & T-II (BODY FOCUS)

1. The attainment of swastik churning of 4-space content points ultimately would lead to churning of the solid dimensional order to have transition and transformation through transcendence from solid dimensional order to creative dimensional order.
2. It is this attainment of transition and transformation through transcendence of the solid dimensional order into creative dimensional order which is to be the ultimate attainment of 4-space VMS & T .
3. Creative dimensional order, being their because of creator space (4 space) in the role of dimension fold of self referral domain (6-space), as such here within 6-space domain the transcendental ranges would go self referral.

4. It is this phenomenon of self referral interaction of the pair of transcendental ranges, which shall be making the phenomenon of transition and transformation through transcendence of solid dimensional order into creative dimensional order as of sequential features, as that the creative dimensional order at its origin fold shall be of solid order which as well shall be yielding creative order and this process like that to continue ad-infinitum
5. The technological advantage of this ad-infinitum sequential chain reaction of dimensional orders transiting and transforming through transcendence into creative orders is to be exploited well.
6. Here for it, naturally 4-space mathematics, 4-space sciences and 4-space technology all would be simultaneously into play.
7. Pursha format itself being of 6-space format, as such the attainments of the sadkhas as well, naturally would be of equal match.
8. The ancient wisdom enlightenment of Lord Brahma multiplying as ten Brahmas makes it amply clear as to the way the creative space, in the process of, transits and transforms from its domain role to its creative boundary of transcendental boundary role.
9. As such 4-space content for its different roles is to be chased.
10. One shall sit comfortably and permit the transcending mind to chase 4-space content focus of 4-space VMS & T,

3

4-space V.M.S & T-III (carriers focus)

1. Hyper cube 4 focus of 4-space VMS & T, shall be sequentially focusing upon inner folds of the manifestation fold.
2. Here inner fold of dimension fold is dimension of dimension of 4-space.
3. Mathematics, sciences and technologies of dimension of dimension of 4-space deserve to be worked out simultaneously.
4. Likewise the external fold of boundary of boundary of 4-space deserves to be chased fully.
5. This chase as well shall be simultaneously in terms of 4-space mathematics, sciences and technologies.
6. Origin of origin is infact the fourth fold (origin fold) of the manifestation path of the dynamic origin being in the role of dimension fold.
7. 5-space as origin fold, in its dynamic state, shall be along the four fold manifestation path (5, 6, 7, 8) with its fourth fold, as origin of origin, shall be of the order and values of Asht Prakrati / 8-space.
8. Origin of domain as well can be approached as origin as domain enveloped by the startwith domain in the role of boundary of the domain of the origin.
9. 4-space as domain and 5-space as origin shall be taking us to 5-space as domain and 4-space as boundary.

10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to chase origin fold of 4-space, namely 5-space in dynamic state along its four fold manifestation path leading to origin of origin (8-space).

4

4-SPACE V.M.S & T-IV (ARTIFICES VALUES)

1. 4-space VMS & T simultaneously chases pure as well as applied values of 4-space.
2. Ancient wisdom availed this Discipline of 4-space VMS & T and reached at Rigved Samhita.
3. The knowledge as well as the organization of knowledge of Rigved Samhita run parallel to each other because of the spatial dimensional order of creator space (4 space).
4. Organization of Rigved samhita as ten mandals is parallel to ten creative boundary component of transcendental worlds (5-space).
5. Organization of Rigved Samhita as eight ashtaks is parallel to eight fold solid boundary of creator space (4 space).
6. Stepwise ahead the organization feature of Rigved Samhita as set up of anuvaks, vargas, suktas, richas and akshras as well parallel to the features of creator space (4 space).
7. The akshras (syllables) range of 432000 akshras is parallel to the age of Lord Brahma creator the supreme and presiding deity of creator space (4 space).
8. The division of 432000 akhsras as 34735 un-manifest and 397265 manifest akshras is the feature which is of special characteristics and the same as well deserve to be chased with pointed attention.
9. Further fixation of each Richa (mantra /hymn) in terms of (Rishi, Devta, Chandus, Swara) as well is of specific feature of this organization whose comprehension will go a long way be phased to phased with the values and order of applied values of 4-space technologies, in particular.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the parallel feature of knowledge as well as organization of knowledge of Rigved samhita.

5

4-SPACE V.M.S & T-V (GEOMETRIC FORMAT)

1. The feature of organization of whole range of knowledge as single discipline is a unique feature whose understanding would be possible with a chase of applied values of 4-space VMS & T.
2. It is with re-organisation of whole range of knowledge as single Ved into four Vedas, namely Rigved, Yajurved, Samved and Athrav Ved and as a consequence of it there being many richas being common of Rigved samhita, yajurved samhita, samved samhita and aturaved samhita.
3. Common richas are there because of common manifestation, transcendence and self referral formats.
4. Further as that an additional, namely fifth fold, transforms manifestation format into transcendence format and ahead an additional i.e. sixth fold transforms transcendence format into self referral format.
5. Creator the supreme, Lord Brahma is the overlord of manifestation format, while transcendental lord, lord Shiv is the overlord of transcendental format and Lord Vishnu is the overlord of self referral format and these three lords together are Trimurti, simultaneously manifesting, transcending and going self referral.
6. As such (3, 4, 5, 6) manifestation layer as (3) and (4, 5, 6) become of the values and order of (Triloki and Trimurti).
7. With it (1, 2, 3, 4), (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) expressions formats for the four folds of (3, 4, 5, 6) make manifestation, transcendence and being self referral as a continuous process of unity values flow from unity source origin into self referral domain of transcendental boundary and creative dimensional order.
8. It is in this process that Rigved Samhita is the fruit of 4-space VMS & T, Yajur Ved Samhita is the fruit of 5-space VMS & T and Samved Samhita is the 6-space VMS & T.
9. Lord Krishna, incarnation of Lord Vishnu, enlightens in the Divine Dialogue of Shrimad Bhagwad Geeta as that:- 'amongst Vedas He is Samved'.
10. One shall sit comfortably and permit the transcending mind to glimpse the continuity of organization of knowledge as Rigved, Yajurved and Samved and Aturav Ved.

*

4-Space

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Lesson-3
AS TO EXISTENCE OF 4-SPACE

1. One way to comprehend and to conceptualize about the reality of existence of 4-space would be to have a fresh look at our well known geometric bodies namely 'point, interval (line), square (surface) and cube (solid)'.
2. Let us have a fresh look at the set up of interval (line) and to comprehend and to have an insight of this set up as that it is a format / path of a moving point.
3. Further have a fresh look at the set up of the square (surface) and to comprehend and to have an insight of this set up as a format / path of a moving interval / line.
4. Still further to have a fresh look at this set up of cube (solid) and to comprehend and to have an insight about this set up as a format / path of a moving square / surface.
5. Let us have a pause here and to permit the transcending mind to comprehend these features of interval, square and cube as formats / paths of moving point, interval and square respectively.
6. It shall be bringing us face to face with these features as that interval as body of 1-space is of the format / path of a moving point body of 0-space.
7. Further as that square as body of 2-space is a format / path of a moving interval, the body of 1-space.
8. And ahead as that cube as body of 3-space is a format / path of a moving square, the body of 2-space.
9. Let us further have a pause here and to have a fresh look at the above features as that 0-space body leads to 1-space format, 1-space body leads to 2-space format and 2-space body leads to 3-space format.
10. And as such, the natural conclusion would be that 3-space moving body shall be leading to 4-space format.
11. One shall sit comfortably and permit the transcending mind to comprehend and imbibe the features and values of 4-space format.

Lesson-4

3-SPACE BODY TO 4-SPACE BODY

1. To reach at representative regular body of 4-space as fourth member of the sequence of representative regular bodies of dimensional spaces, one shall have a fresh look at the set ups of interval, square and cube being the first three members of the sequence.
2. Let us have a fresh look at the set up of interval. It is a set up with a pair of end points.
3. Taking end points as 0-space bodies and the set up between these pair of end points as a set up of 1-space content, it shall be having an expression (A^0, A^1, A^0) .
4. This also would admit expression as $2A^0, A^1$.
5. This expression $(2A^1)$ conceptually is a domain (A^1) within boundary $(2A^0)$.
6. This as such, may be accepted as a formulation domain is to boundary :: $A^1: 2A^0$.
7. Now the square be looked afresh and it would lead to a set up within four boundary lines leading to formulation :: $A^2: 4A^1$.
8. Likewise the set up of the cube shall be leading to the formulation :: $A^3: 6A^2$.
9. Let us have a pause here and permit the transcending mind to transcend through these formulations for the set ups of interval, square and cube and these shall be bringing face to face with a single formulation domain : Boundary :: $A^n: 2nA^{n-1}, n=1, 2, 3$.
10. For $n=4$, it shall be leading us to formulation for 4-space representative regular body namely for hyper cube 4 as domain : Boundary :: $A^4: 8A^3$.
11. Let us have a pause here and think, meditate and transcend through the features of above formulations of hyper cube 4 which shall be bringing us face to face with hyper cube 4 as being enveloped within solid boundary of eight components.
12. One may further have a pause here and to permit the transcending mind to transcend through the origin of three dimensional frame and to glimpse 3-space splitting into eight octants and parallel to it cube splitting into eight sub cubes with corner points of these eight sub cubes / eight sub octants having placement at the seat of origin itself.
13. This as such shall be bringing us face to face an additional feature as that the location of hyper cube 4 / 4-space is at the center of cube / origin of 3-space.
14. As such the domain of hyper cube 4 with solid boundary of eight components, as fourth member of the sequence of representative regular bodies of dimensional spaces, shall be accepting symbolic representation, in continuity of interval, square and cube as follows:

1	2	3	4
			
Interval	Square	Cube	Hyper cube 4
$A^1: 2A^0$	$A^2: 4A^1$	$A^3: 6A^2$	$A^4: 8A^3$



Lesson-9

TRANSITION FROM LINEAR ORDER TO SPATIAL ORDER

1. Ancient wisdom enlightenment for transition from linear order to spatial order is of the quadruple values (1, 2, 3, 8).
2. Let us have a fresh look at this quadruple values set ups (1, 2, 3, 8).
3. These quadruple values (1, 2, 3, 8) permit re-organization as (1 x 1, 1 x 2, 1 x 3, 2 x 4).
4. Let us have a fresh look at these re-organized values (1 x 1, 1 x 2, 1 x 3, 2 x 4)
5. First features of this re-organization is that it admits split as two parts namely (1 x 1, 1 x 2, 1 x 3) and (2 x 4).
6. The first part, namely (1 x 1, 1 x 2, 1 x 3) is of rectangular set ups while the second part (2 x 4) as (2 x 2 x 2) is of a cubic format features.
7. This, this way would mean to have surfaces and solid approach.
8. The formulation (एक), the first formulation of the text of Ganita Sutra-1, is a set up of pair of letters i. (ए) ii. (क), which are of artifices values i. (6) ii. (4) respectively.
9. The formulation (एक) as artifice pair (6, 4) that way envelope the gap as artifice value (5).
10. Now let us have a look at the artifices pair (6, 4) which admits re-organization as [(3+3), (2+2)].
11. As such the middle value (5), which admit re-organization as (3+2), would help us comprehend that the mathematics of the gap, as such is to avail artifices 3 and 2 and parallel to it (3 space) and (2 space) which would mean 'solid and surface' formats.
12. Other feature of the pair (6, 4) is that $6+4 = 10$ is double of the middle value (5).
13. It as such would help us comprehend and imbibe the value as that that the middle is to be worked out in terms of a half unit.
14. It is this feature which would help us comprehend and imbibe the features of the quadruple (1, 2, 3, 8) permitting re-organization as (1 x 1, 1 x 2, 1 x 3, 2 x 4) which is for the first half is having multiple (1) but for the second part it is having the multiple (2).
15. It is this sequential order of transition from linear order to spatial order, which in ascending order gives us the multiples as 1 and 2 in that sequence and order.
16. However when the sequence is to be of other orientation for the squares number line (of order 0, 1, $0=0+1+0=1=1 \times 1$), which would mean reaching the middle from the other end, it shall be taking us from '2' to '1'.
17. This reach from '2' to '1' is a reach from '1' to ' $\frac{1}{2}$ '.

18. Further, this reach from 1 to 2 and from 1 to $\frac{1}{2}$ with reverse orientation, that is from $\frac{1}{2}$ to 1 is not going to be of the same tracks, formats and values.
19. To comprehend this distinguishing feature of the pair of tracks would require us to take note as that the mathematics and domain level and at dimension level is of different features.
20. The difference is mainly there as that pair of dimensions for their synthesis shall be requiring a stitch / glue of the value of the unit of dimension of dimension.
21. It in the context of 1 space as dimension shall be taking us to (-1) space being the dimension of dimension.
22. Accordingly the synthesis of pair of linear dimension of values 1 and 1 together though would be of domain value (of 1 space) being $1+1=2$ but out of it the synthesis stitch / glue value is to be compensated.
23. As the unit synthetic stitch / glue value being supplied by (-1) space as dimension of dimension, so this unit value (-1), when would be compensated out of the $1+1=2$ value it shall be leading to $2-(-1)=3$.
24. Accordingly the track approach at domain measure for 1 space as dimensional order shall be leading to $1+1=2$ but the same in the reverse orientation shall be leading us to the value $2-(-1)=3$.
25. It is this feature that to reach the gap from its both ends would mean to have a coverage in terms of artifices values (2, 3).
26. One shall have a pause and permit the transcending mind to comprehend this feature and to imbibe its values to be face to face with the phenomenon of transition from the linear order set up of 3-space with cube as its representative regular body having 26 geometric components envelope for its space volume to spatial order 4-space with hyper cube 4 as its representative regular body, the same is to be covered accepting it to be the phenomenon of quadruple values (1, 2, 3, 8).



Lesson-32

HYPER CUBE-4

One shall sit comfortably and permit the transcending mind to glimpse and chase the geometric setup of Hyper cube-4 and comprehend the following features of hyper cube-4

1. Hyper cube-4 is a representative regular body of 4-space.
2. Hyper cube-4 is a manifestation layer of 4 folds (2,3,4,5).
3. Two space plays the role of dimension fold and as such the setup is designated as of spatial order.
4. Three space plays the role of boundary fold and as such the setup is designated as of solid boundary.
5. Four space plays the role of domain fold and as such the setup is designated as of Hyper domain.
6. Five space plays the role of Origin fold and as such the setup is designated as of transcendental origin.
7. One shall permit the transcending mind to glimpse and comprehend the above format of Hyper cube-4 as a lotus seat of 8 petals of 4 head lord equipped with a pair of eyes in each head and a transcendental heart.
8. Lord Brahma, the four head lord, is the lord of 4-space.
9. Four space as such is designated as creator's space.
10. Lord Brahma is the Creator the supreme.



Lesson-39

GEOMETRIES BODY RANGE

Of manifestation of Cube in 4 Space

1. The Vedic mathematics teacher shall help be young minds to chase the manifestation of cube within 4-space.
2. Simultaneously the Vedic Mathematics teacher shall also help the way 4-space is released at the center of the cube and manifest as hyper cube-4.
3. Hyper cube-4 is a spatial order setup of 4-dimension within solid boundary of 8 components.
4. Cube admits a cut into 8 sub cubes of half dimensions with center of the cube as common point of all the eight sub cubes.
5. The center of the cube as such is enveloped by the eight corners points of eight sub cubes having common placements at center.
6. The center as a point, 0-space, and its boundary as (-1) space, puts the corners point of eight sub-cubes in such orientation placements along the boundary of 'Center'/ Point/0-space because of which the three space dimensional frames imbedded in the corners points acquire the corresponding orientation.
7. Because of this, the manifestation features of cube make it a manifested body of 1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin.
8. While hyper cube-4 its self is a spatial order space of solid boundary and transcendental origin.
9. It would be a blissful exercise to permit the transcending mind to chase the manifestation of cube within Hyper cube-4 as representative regular body of 4-space.
10. It also would be blissful exercise to permit the transcending mind to chase the released of 4-space at center of the cube and its emergence and manifestation as Hyper cube-4.



Lesson-57

EXISTENCE OF HIGHER SPACES

1. We can view
 - (a) interval (line) / 1-space as a track of a moving point,
 - (b) surface (square) / 2-space as a track of a moving interval / line / 1-space, and,
 - (c) solid space (cube) / 3-space as a track of a moving surface / square / 2-space.

2. From here we can pose a question to ourselves as to what would be the track of a moving solid / cube / 3-space?

3. The natural answer is 4-space / hypercube-4 / hyper solid domain.

4. We are having free movements of solids. Even when we move, we move as a solid block, so we always create 4-space for our free motion.

5. So our space in which we move freely is not a 3-space. It is 4-space and higher spaces all compactified.

6. With the motion of hypercube-4 / 4-space, we shall be having 5-space for us and in general with the motion of hypercube-n / n-space, we shall be having (n+1) space.

7. As such the existence of higher spaces is one concept for whose comprehension and chase one shall perfect one's intelligence beginning with the motions of point, line, square and cube.

8. Once one has complete comprehension of existence of 4-Space with hyper cube-4 as its representative regular body with domain boundary ratio as $A^4:8B^3$, one shall proceed further for comprehension of 5-Space and its representative regular body.

9. Once one has complete comprehension of existence of 5-Space with hyper cube-5 as its representative regular body with domain boundary ratio as $A^5:10B^4$, one shall proceed further for comprehension of 6-Space and its representative regular body.

10. Initially, for perfection of intelligence, one shall sequentially go on chasing dimensional spaces 1 to 7 and their representative regular bodies. The subsequent chase of higher spaces shall be taken up only after one has perfected one's intelligence in respect of 1 to 7 spaces.



Lesson-60

GEOMETRIES OF 4-SPACE

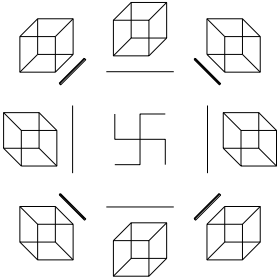
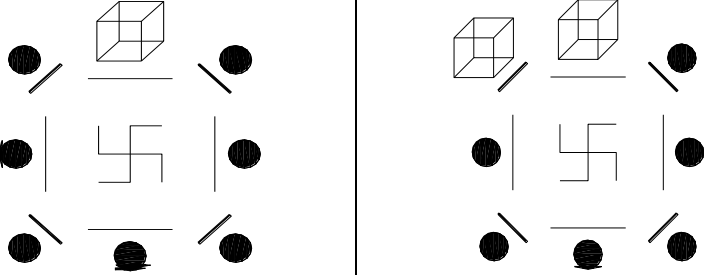
Versions of hyper cube 4

1. Hyper Cube-4 as representative body of 4-Space

The domain boundary ratio of Hyper cube-4 accepts formulation $A^4:8B^3$

As such Hyper Cube-4 has nine versions, namely, Hyper Cube-4 with all the eight solid boundary components, and with seven, six, five, four, three, two, one & no solid boundary component.

These nine versions of Hyper Cube-4 are representative bodies of 9 geometries of 4-space.

FIRST GEOMETRY		
		
SECOND GEOMETRY	THIRD GEOMETRY	
		

- 227 Vedic systems chase is initiated along real 4-space format and the same is designated as Creator's space and same is presided over by Lord Brahma, four head lord equipped with a pair of eyes on each head sits gracefully on the lotus seat of eight petals and blissfully meditates within cavity of his own heart wherein is the seat of Transcendental lord (Lord Shiv, five head lord with three eyes in each head)
- 228 The above format and features of Idol of Lord Brahma are parallel to the format of features of hyper cube 4 which accepts four dimensions parallel to four heads, spatial dimensions parallel to pair of eyes of each head, solid boundary of eight components parallel to lotus seat of eight petals and 5-space in the role of origin parallel to there being a seat of Transcendental lord (Lord Shiv, 5 head lord with three eyes in each head) within cavity of the heart of Lord Brahma.
- 229 The scriptures further preserve the enlightenment as that the Lord Brahma with grace of Transcendental Lord multiplies as ten Brahmas, which format and features wise is parallel to hyper cube 5 accepting creative boundary (4-space in the role of boundary of ten components).
- 230 With it the above scriptural preservation also brings to focus the process of transition from the format of hyper cube 4 to that of the format of hyper cube 5 and this as such deserves to be comprehended well.
- 231 The Idol of Lord Brahma and parallel format of hyper cube 4 of features of a four fold manifestation layer (2, 3, 4, 5) / (2-space in the role of dimension, 3-space in the role of boundary, 4-space in the role of domain, 5-space in the role of origin), in a way is the format of manifested creations which because of solid order 5-space in the role of origin becomes of the Transcendental feature due to permissibility of Transcendence at the origin fold.
- 232 This Transcendental feature because of Transcendence and at the origin fold, as such responsible for the transition from the existing set up of the manifestation layer to the next manifestation layer.
- 233 This phenomenon of a manifestation layer transiting and transforming into next order manifestation layer being the process in continuity of creations manifesting along four fold format, in a way amounts to having the potentialities to extend the four fold manifestation formatting set up into a five fold manifestation format as a synthesis of a pair of four fold manifestation layers.
- 234 As such the chase along the format of real 4-space, that way shall be not only focusing upon the four fold manifestation format but also upon five fold manifestation format.
- 235 This in a way would amount to the chase along 4 space format to be of two phases, first of which would be to avail only first four folds and it is only during second phase of chase that all the five folds set up are to be availed.
- 236 The spatial order set up (2-space in the role of dimension) because of the availability of pair of axes shall be having the privilege of chase of manifestation layers along its both axes, distinctively as well as simultaneously.
- 237 This distinctive chase feature for pair of axes of the spatial dimensional fold shall be taken as that while along the first axes the chase attainment comes to be of the format and features of the linear order manifestation layer (1, 2, 3, 4) of hyper cube 3, while along the second axis where the existence of first axis can be presumed, as such shall be of the format and features of chase of the manifestation layer (2, 3, 4, 5), of hyper cube 4

238 However in case of simultaneous chase along pair of axis as distinct chase formats as well as along the format of simultaneous availability of both the axes, which would be like 'lines and surfaces' within surfaces

239 The reach of pair of Transcendence ranges (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6), as such, as well would become the subject matter of chase to have proper insight about the functional systems of real 4-space.

240 The different roles of 4-space shall be sequentially finding their expression along 4 x 4, 5 x 5 and 6 x 6 format as under:

315 4 x 4 format for values of different roles of 4-space

1	2	3	4=10
2	3	4	5=14
3	4	5	6=18
4	5	6	7=22 =64 = 8x 8

241 5 x 5 format for values of different roles of 4-space

0	1	2	3	4=10
1	2	3	4	5=15
2	3	4	5	6=20
3	4	5	6	7=25
4	5	6	7	8=30=100=10x10

316 6 x 6 format for values of different roles of 4-space

-1	0	1	2	3	4=09
0	1	2	3	4	5=15
1	2	3	4	5	6=21
2	3	4	5	6	7=27
3	4	5	6	7	8=33
4	5	6	7	8	9=39=144= 12 x 12

317. The above feature of 4-space which for its different roles along 1 x 1 format of total value 4 = 2 x 2, along 2 x 2 format of total value 16 = 4 x 4, along 3 x 3 format of total value 36 = 6 x 6, along 4 x 4 format of total value 64 = 8 x 8, along 5 x 5 format of total value 100 = 10 x 10, along 6 x 6 format of total value 144 = 12 x 12 and so on deserves to be chased for comprehension of its format and features to chase its pure and applied values.

318 The general formulation as that along n x n format, the total value comes to be $(2n)^2$ for all values of N = 1, 2, 3, 4, 5,--.

319 Here it would be relevant to note that domain boundary ratio of hyper cube n accepts the formulation $A^n: 2n B^{n-1}$ and as such $(2n)^2$ as summation value for the n roles of 4-space along n x n format amounts to parallel to the square values for the boundaries of 'unit hyper cubes' as that

domain boundary ratio in case of unit hyper cubes shall be the set ups of a $A=1$ and $B=1$ and the formulation would be $1^n:2^n \times 1^{n-1}$ i.e. $1 : 2^n$ for all values of $n = 1, 2, 3, 4, 5, 6, \dots$.

320 One may have a pause here and revisit the setup of hyper cube 4 and in the above formulation $1:2^n$ for $n=4$ shall be taking us to the formulation value $1:8$ which permits re-organization as $1^3 : 2^3$

321 One may have a pause here and take note that artifices pair $1^3, 2^3$ is of the values and formats of consecutive cubes

322 One may further have a pause here and have a fresh look at the set up of hyper cube 4 with focus upon its solid boundary of eight components and chase synthesis values of synthesis of 1 to 8 number of solid dimensions

323 It shall be bringing us face to face the range of dimensional synthesis values of solid order of 1 to 8 dimensions reach being (3, 5, 6, 6, 5, 3, 0, -4)

324 One may have a pause here and take note that dimensional synthesis values of 8 solid dimensions comes to be (-4), which otherwise is of absolute value (4) parallel to the absolute value of (+4)

325 Further It would be relevant to note that the 8 steps long values range of 0 to 7 number of solid dimensions comes to be (0, 3, 5, 6, 6, 5, 3, 0) which is of parabolic format

326 One may further have a pause here and have a fresh look at the set up of domain fold of hyper cube 4 with focus upon the degree of freedom of motion of hyper cube 3 / a 12 edged cube manifesting its degree of freedom of motion as 13th edge and thereby transiting and transforming from 12 edged set up to 13 edged set up

327 This shall be bringing us face to face with the format and features of 13 edged cube as of the format and features of hyper cube 4 swapping domain fold of hyper cube 4 along one of the axis of one of the spatial dimension of four dimensional frame of 4-space

328 One may further have a pause and have a fresh visit to the set up of the origin fold of hyper cube 4 being the seat of solid order Transcendental domain (5-space) accepting 3-space in the role of its dimension and 5-space itself playing the role of origin of 4-space

329 Here it would be relevant to note that artifices triple (1, 3, 5) is parallel to the organization of the dimensional order of 5-space which accepts 3-space as in the role of its dimension and 1-space in the role of its dimension of dimension

330 One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse the set up of hyper cube 4 accepting solid boundary of 8 components enveloping domain fold within which at its center is the seat of Transcendental domain in the role of origin and further as that within this domain 12 edged cube as a degree of freedom of motion along axis of the spatial order which manifests as 13th edge and that $13 \times 8=104$ value parallel to the set up of a 13 edged cubes to provide exhaustive coverage of the set up.

331 Here It would be relevant to note that solid boundary of hyper cube 4 as a set up of eight cubes and Transcendental origin of hyper cube 4 as 5-space of solid dimensional order (3-space in the role of dimension) with super imposition of solid dimensional value (3) upon Transcendental value (5) as total summation value $3 + 5 = 8$ and still further cube permitting its split into 8 sub cubes, that way shall be making available a range of 8 solid dimensions at origin, within domain, as well as within boundary.

332 Still further It would be relevant to note that three points fixation of a line and $8 + 8 + 8 = 24 = 6 \times 4$ and further the domain swapping value $13 \times 8 = 26 \times 4$ and $26 = 1 + 24 + 1$, shall be focusing upon 4-space in the role of dimension of 6-space and as that 6-space domain shall be permitting swapping in terms of $26 \times 4 = 104$ value of 4-space in the role of dimension of 6-space

333 One may further have a pause here and have a fresh visit to 4-space and manifestation of 4-space content as domain fold of hyper cube 4 with Transcendental origin (5-space in the role of origin) and to glimpse the Transcendence of creative matter (content of 4-space) transcending through solid order Transcendental origin and reaching at its base of self referral features of 6-space content

334 It would be relevant to note that creative matter (space content of 4-space) manifesting as domain fold of hyper cube 4 is of spatial dimensional order, while the origin of hyper cube 4 is of solid order and thereby Transcendence path leading uptill the creative base of self referral features (6-space with 4-space in the role of its dimension), is to sequentially transit from solid order to ultimately transform as hyper solid / creative order

335 The transition for the spatial order (2-space) in the role of dimension to creative order (4-space) in the role of dimension by transcending through the intermediary phase and stage of solid order (3-space as dimension) deserves to be chased smoothly and in gentle steps as in the process the linear dimensional frame of three dimensions of 3-space is to de-synthesized itself as a pair of three dimensional frames of half dimension of linear order.

336 The synthesis of a pair of a three dimensional frame of half dimension of linear orders into a three dimensional frame of full dimensions of linear order and the reverse process of de-synthesis of a three dimensional frame into a pair of three dimensional frame of half dimensions deserves to be chased with a focus upon the origin of three dimensional frame which is a setup of a spatial dimensional order.

337 Further in the context, it also would be relevant to note that in all the eight corners of the cube are manifesting three dimensional frames of half dimensions and this set up of eight dimensional frames stand coordinated as quadruple pairs of dimensional frames coordinated in terms of four internal diagonals of cube.

338 This coordination of the set up of eight dimensional frames imbedded into 8 corners of the cube with their coordination as quadruple pairs along four internal diagonals of the cube, as such bring to focus these internal diagonals coordinating dimensional frames, infact manifest the translation path for coordinated pair of dimensional frames.

339 The translation of pair of dimensional frame along diagonal translation path with the reach of their origin points (corner points of the cube) being the end points of the diagonal at the center of the cube, shall be amounting to having reversal of orientation for the axes of the pair of dimensional frames in translation.

340 This phenomenon of reversal of orientation for axes of a three dimensional frame with reach of the dimensional frame at its reach at center deserves to be comprehended well and the same to be fully appreciated for its complete imbibing to attain through insight as this feature of reversal of orientations for the axes of the dimensional frames embedded in corners of cube is there because of the spatial order of the origin of 3-space with seat at center of the cube and the base of this origin seat being of a solid order.

341 One may again have a pause here and take note that four internal diagonals of the cube coordinating corners of the cube in pairs together with three linear axes of 3-space coordinating centers of 6 surface plates, make out a set up of 7 linear dimensions meeting at center of the cube / origin of 3-space which is of a spatial order.

342 This coordination of 7 linear dimensions at center of the cube being seat of a spatial order and spatial order being of the feature that in its synthesis format there get super imposition of not only of addition and multiplication operation but also of orientations as $2 + 2 = 2 \times 2 = (-2) \times (-2)$, and as such the set up of seven linear dimensions also shall be leading to the set up of negative linear dimensions.

343 One may have a pause here and take note that the artifices pair (-7, -5) is parallel to the dimension fold, domain fold format which in opposite orientation is to be 5 x 5

344 It is this feature which as well deserves to be fully comprehended as set up of seven negative linear dimensions shall be manifesting Transcendental domain of value -5 which is equal to absolute value '5'.

345 Still further it also would be relevant to note that while quadruple three pair of three dimensional frame of half dimensions embedded in corner points of the cube, on their translation in pairs along the four internal diagonals shall be synthesizing a set up of four three dimensional frame of full dimensions which together with the three dimensional frame embedded at the center of the cube, that way shall be making a set of five three dimensional frame which together shall be constituting a solid dimensional frame of 5 dimensions for the Transcendental domain (5-space).

346 One may have a pause here and take note that the set up of the cube within 4-space as solid dimensional order unfolds a solid dimensional frame of 5 dimensions for the Transcendental domain (5-space) having its seat at origin of 4-space.

347 One may further have a pause here and take note that cube within hyper cube 4 unfolding a set of five three dimensional frames and thereby there being a set of five origin seats of creative order (4-space in the role of origin of 3-space), together with the availability of another set up of 4-space in

the forum of hyper cube 4 within which cube is unfolding a set of five three dimensional frames, makes it the availability of a set of 6 creative orders shall be manifesting creative dimensional frame (4-space in the role of dimension) of 6 dimensions of self referral space (6-space)

348 One may further have a pause here and take note that the structural set up of cube enveloped within spatial boundary of 6 components (6 surface plates) within 4-space shall be playing the role of dimensions of dimensions of creative dimensional order of creative dimensional frame of 6 dimensions of self referral space (6-space)

349 One may further have a pause here and take note that 6 surface plates in the role of spatial dimension shall be sequentially synthesizing values for single, double, triple, quadruple, penta and hexa numbers of spatial dimensions synthesis values range (2, 4, 6, 8, 10, 12), while 6 creative dimensions (4-space in the role of dimension shall be sequentially synthesizing and working out dimensional synthesis values range of single, double, triple, quadruple, penta and hexa numbers of dimensions as (4, 6, 6, 4, 0, -6)

350 Further it also would be relevant to note that cube (within hyper cube 4) / 3-space within 4-space shall be unfolding a full range of 7 geometries of 3-space parallel to 7 versions of cube (i) cube with all the six surface plates intact (ii) cube with five surface plates intact (iii) cube with four surface plates intact (iv) cube with three surface plates intact (v) cube with two surface plates intact (vi) cube with one surface plates intact (vii) cube zero four surface plates intact

351 As such the set of seven geometries of 3-space and parallel to seven versions of cube with '6, 5, 4, 3, 2, 1, 0' surface plates intact shall be having a parallel dimensional synthesis values of spatial order (12, 10, 8, 6, 4, 2, 0)

352 Further the seven geometries range of 3-space, as such shall be a set up of 7 three dimensional frames which on sequential synthesis shall be leading to dimensional synthesis values range of solid dimensional order (3, 5, 6, 6, 5, 3, 0), which together with the zero state parallel to zero number of solid dimensions having zero dimensional synthesis values shall be extending the above seven steps long range as (0, 3, 5, 6, 6, 5, 3, 0)

353 Further it also would be relevant to note that $3 \times 7 = 21$ linear dimensions of whole range of 7 dimensional frames as such shall be leading to dimensional synthesis values of linear dimensions as '1, 3, 6, 10, 15, 21, 28, 35, 45, 55, 66, 78, 91, 105, 121, 138, 156, 175, 195, 216' of which attainment value $216 = 6 \times 6 \times 6$ as synthesis value of triple self referral dimensions (6-space in the role of dimension) shall be leading to dimensional synthesis value '6', the first perfect number

354 One may have a pause here and have a fresh look at the set up of hyper cube 4 and upon its features due to its spatial (2-space) dimensional order, solid (3-space) boundary, creative (4-space) domain and Transcendental (5-space) origin and self referral (6-space) base of the origin

355 The binary composition, bi-quadratic equations, artifice 4 as (1, 1, 1, 1) and as (1, 2, 3, 4) and as $4 = 2 + 2 = 2 \times 2 = (-2) \times (-2) = 2^2 = (-2)^2$, 4 x 4 matrix format deserves to be chased in the context of 4-

space content, 4 dimensional frame and domain fold of 4-space, boundary fold of 5-space, dimension fold of 6-space and unity (7-space) state origin.

3559 versions of hyper cube 4 parallel to 9 geometries range of 4-space, dimensional synthesis range of 1 to 9 dimensions of creative order (4-space) in the role of dimension

356 Hyper cube 1 to 4 deserves to be chased as synthesizing a measuring rod of 4-space.

357 Hyper cube 4 deserves to be chased within hyper cube 4.

358 Hyper cube 4 deserves to be chased within cube.

359 Hyper cube 4 deserves to be chased within hyper cube 5.

360 The dimensional synthesis values of quadruple number of dimensions of all dimensional orders (--- 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, -2, -4, -6, ---) deserves to be chased.

361 The dimensional synthesis values of spatial (2-space) order for 1 to n number dimensions (2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ----) deserves to be chased.

362 The dimensional synthesis values of negative spatial (-2-space) order for 1 to n number dimensions (-2, 0, 6, 16, 30, 48, 70, 96, ---) deserves to be chased.

363 The dimensional synthesis values of negative spatial (-4-space) order for 1 to n number dimensions (-4, -2, 6, 20, 40, 66, 98, 136, 180, ---) deserves to be chased.

364 Chase of hyper cube 4 as

- (i) Quadruple (points, lines, surfaces, solids),
- (ii) Triples (points, lines, surfaces)
- (iii) Pairs (points, lines)
- (iv) Singles (points)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

365 Chase of hyper cube 4 as

- (i) Binary operation
- (ii) Bi-quadratic equations
- (iii) 4 x 4 matrix format
- (iv) 4 arithmetic operations together with reflection operation

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

366 Chase of hyper cube 4 as

- (i) 2-space as dimension
- (ii) 3-space as boundary
- (iii) 4-space as domain
- (iv) 5-space as origin

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

367 Chase of hyper cube 4 as

- (i) artifice 4
- (ii) 4 place value system
- (iii) 4-space measuring rod
- (iv) 4-space content

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

368 Chase of 4-space as

- (i) 4-space as domain fold
- (ii) 4-space as dimension fold
- (iii) 4-space as boundary fold
- (iv) 4-space as origin fold

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

369 Chase of 4-space as interrelated with the set up of

- (i) 0-space (ii) 1-space
- (iii) 2-space (iv) 3-space

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

370 Chase of 4-space as manifestation format for idol of

- (i) Lord Brahma (ii) Lord Shiv
- (iii) Lord Vishnu (iv) Goddess

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

371 Chase of 4-space as manifestation layers

- (i) (0, 1, 2, 3) (ii) (1, 2, 3, 4)
- (iii) (2, 3, 4, 5) (iv) (3, 4, 5, 6)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

372 Chase of 4-space as porous space permitting transcendence and transformations of manifestation layers as transcendence ranges

- (i) (0, 1, 2, 3) as (0, 1, 2, 3, 4)
- (ii) (1, 2, 3, 4) as (1, 2, 3, 4, 5)
- (iii) (2, 3, 4, 5) as (2, 3, 4, 5, 6)
- (iv) (3, 4, 5, 6) as (3, 4, 5, 6, 7)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

373 Chase of 4-space as porous space permitting transcendence and transformations of manifestation layers as transcendence ranges and ahead as self referral ranges

- (i) (0, 1, 2, 3) as (0, 1, 2, 3, 4) and ahead as (0, 1, 2, 3, 4, 5)
- (ii) (1, 2, 3, 4) as (1, 2, 3, 4, 5) and ahead as (1, 2, 3, 4, 5, 6)
- (iii) (2, 3, 4, 5) as (2, 3, 4, 5, 6) and ahead as (2, 3, 4, 5, 6, 7)
- (iv) (3, 4, 5, 6) as (3, 4, 5, 6, 7) and ahead as (3, 4, 5, 6, 7, 8)

shall be bringing us face to face with the different formats and systems at the base of emerging mathematical tools and processing logic.

374 It further would be blissful to chase synthesis of a pair of consecutive manifestation layers as transcendence ranges:

(i) (0, 1, 2, 3) and (1, 2, 3, 4) as (0, 1, 2, 3, 4)

(ii) (1, 2, 3, 4) and (2, 3, 4, 5) as (1, 2, 3, 4, 5)

(iii) (2, 3, 4, 5) and (3, 4, 5, 6) as (2, 3, 4, 5, 6)

(iv) (3, 4, 5, 6) and (4, 5, 6, 7) as (3, 4, 5, 6, 7)

375 It further would be blissful to chase synthesis of a triple of consecutive manifestation layers as a pair of transcendence ranges:

(i) (0, 1, 2, 3), (1, 2, 3, 4) and (2, 3, 4, 5) as (a) (0, 1, 2, 3, 4) and

(b) (1, 2, 3, 4, 5)

(ii) (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) as (a) (1, 2, 3, 4, 5) and

(b) (2, 3, 4, 5, 6)

(iii) (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) as (a) (2, 3, 4, 5, 6) and

(b) (3, 4, 5, 6, 7)

(iv) (3, 4, 5, 6), (4, 5, 6, 7) and (5, 6, 7, 8) as (a) (3, 4, 5, 6, 7) and

(b) (4, 5, 6, 7, 8)

376 It further would be blissful to chase synthesis of a triple of consecutive manifestation layers as a pair of transcendence ranges, which synthesized as self referral ranges:

(i) (0, 1, 2, 3), (1, 2, 3, 4) and (2, 3, 4, 5) as (a) (0, 1, 2, 3, 4) and

(b) (1, 2, 3, 4, 5) which synthesized as a self referral range (0, 1, 2, 3, 4, 5)

(ii) (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) as (a) (1, 2, 3, 4, 5) and

(b) (2, 3, 4, 5, 6) which synthesized as a self referral range (1, 2, 3, 4, 5, 6)

(iii) (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) as (a) (2, 3, 4, 5, 6) and

(b) (3, 4, 5, 6, 7) which synthesized as a self referral range (2, 3, 4, 5, 6, 7)

(iv) (3, 4, 5, 6), (4, 5, 6, 7) and (5, 6, 7, 8) as (a) (3, 4, 5, 6, 7) and

(b) (4, 5, 6, 7, 8) which synthesized as a self referral range (3, 4, 5, 6, 7, 8)

377 It would be blissful to chase 4-space along the format of manifestation layer (24, 25, 26, 27) with 6 x 4 value as the value of the dimension fold (parallel to the measuring rod of 6-space with 4-space in the role of dimension) and 3 x 3 x 3 as value of the origin fold (parallel to triple solid dimensions settling the origin fold) whereby the other manifestation layers (n, n + 1, n + 2, n + 3), n = 1 to 23 would follow. And as such,

378 It would be blissful to chase manifestation layer (23, 24, 25, 26) within 4-space.

379 Further it would be blissful to chase manifestation layer (22, 23, 24, 25) within 4-space.

380 Further it would be blissful to chase manifestation layer (21, 22, 23, 24) within 4-space.

381 Further it would be blissful to chase manifestation layer (20, 21, 22, 23) within 4-space.

382 Further it would be blissful to chase manifestation layer (19, 20, 21, 22) within 4-space.

383 Further it would be blissful to chase manifestation layer (18, 19, 20, 21) within 4-space.

384 Further it would be blissful to chase manifestation layer (17, 18, 19, 20) within 4-space.

385 Further it would be blissful to chase manifestation layer (16, 17, 18, 19) within 4-space.

386 Further it would be blissful to chase manifestation layer (15, 16, 17, 18) within 4-space.

387 Further it would be blissful to chase manifestation layer (14, 15, 16, 17) within 4-space.

388 Further it would be blissful to chase manifestation layer (13, 14, 15, 16) within 4-space.

389 Further it would be blissful to chase manifestation layer (12, 13, 14, 15) within 4-space.

390 Further it would be blissful to chase manifestation layer (11, 12, 13, 14) within 4-space.

391 Further it would be blissful to chase manifestation layer (10, 11, 12, 13) within 4-space.

392 Further it would be blissful to chase manifestation layer (09, 10, 11, 12) within 4-space.

393 Further it would be blissful to chase manifestation layer (8, 9, 10, 11) within 4-space.

394 Further it would be blissful to chase manifestation layer (7, 8, 9, 10) within 4-space.

395 Further it would be blissful to chase manifestation layer (6, 7, 8, 9) within 4-space.

396 Further it would be blissful to chase manifestation layer (5, 6, 7, 8) within 4-space.

397 Further it would be blissful to chase manifestation layer (4, 5, 6, 7) within 4-space.

398 Further it would be blissful to chase manifestation layer (3, 4, 5, 6) within 4-space.

399 Further it would be blissful to chase manifestation layer (2, 3, 4, 5) within 4-space.

400 Further it would be blissful to chase manifestation layer (1, 2, 3, 4) within 4-space.



**INTRODUCTORY**

1. This chase we are formally taking up the Discipline of VMS & T as the same has reached us as concepts taken up in Vedic Samhitas Text.
2. Here in this introductory chase of present stage about 'manifestations' as sequential steps chase, the same are being taken up as four steps under above captions / of chase steps no 7 to 10. To begin with the chase is to be real as NVF (Chase) = $36 = NVF$ (Real). It is going to be the approach of four folds. The focus is going to be upon hyper cube 5, as such manifestation is going to be of transcendental domains / 5-space content manifesting as domain fold within 4-space. The 4-space being of a spatial order, as such the chase would focus upon manifestation folds with each manifestation fold itself being of four fold manifestation layers.
3. This way, this chase ultimately is to take us from '4 x 1' format to '4 x 4' format.
4. This transition from '4 x 1' to that of 4 x 4 format, for its chase will take us to अथर्ववेद Atharavveda, the fourth Veda and its upveda namely स्थापत्यः उपवेद Sathapatya Upveda.
5. Atharavved is a scripture of 20 कंडाः kanda. The first mantra of first kanda takes up the concept of Trishapta (त्रिषप्ताः).
6. The Sathapatyaupved in its मानसारः Mansara scripture, at the outset takes up the concept of मापदण्ड 'measuring rod' and its measure मानः.
7. The scripture मानसारः Mansara as the name very clearly indicates, that it is the 'essence of measure' which is going to be the focus because of it being at the center of processing tool of the Discipline.
8. The scripture (मानसारः Mansara) further at the outset makes it clear as that lord Vishnu is the overlord of the Measuring rod while lord Brahma is the overlord of the measure of the measuring rod.
9. This that way takes us to the essence of 'measure' (मानसारः Mansara), that is that Lord Vishnu and Lord Brahma together are for the attainment for transcendental values and virtues of transcendental domains presided by Lord Shiv.
10. This attainment of transcendental values and virtues of transcendental domains presided by Lord Shiv is all about which the Discipline of VMS & T is essentially concern.
11. Lord Shiv is the five head lord. Lord Vishnu is six head lord. And Lord Brahma is four head lord. Both lord Vishnu and Lord Brahma are continuously in pursuit of attainment of transcendental values. And with this attainment Trinity of gods (Lord Braham, Lord Shiv and Lord Vishnu) emerge as 'unified' lord Shiv manifesting as unity state presided by goddess Durga.

12. Trinity of lords individually are overlords of real 4, 5 and 6 spaces respectively. They together sustained, renew and fulfill Creations with transcendental values and virtues as unified existence phenomenon (Triloki).
13. Chase of manifestation as such deserves to be approached in terms of chase of the way Triloki is fulfilled with transcendental values for sustaining it and renewing it.
14. Chase of manifestation as Triloki (3-space) is to be the chase of 'domain folds' / third fold of the manifestation layers. The sustenance of it is going to be by triple spaces set ups of (4-space, 5-space, 6-space) with this, a unified state would be attained as of virtues, values features and order of 7-space. And with it chase range would emerge as to be of 7 steps range of (1-space, 2-space, 3-space, 4-space, 5-space, 6-space).
15. Of this range, the triple (4-space, 5-space, 6-space) would be of central focus as it is in terms of this triple that sustenance and renewing by fulfilling the manifested creations for attainment of unified existence phenomenon is to be reached at.
16. The triple spaces (4-space, 5-space, 6-space) and parallel to it triple artifices (4, 5, 6) and in general (n, n + 1, n + 2) would become the chase focus.
17. The triple (n, n + 1, n + 2) in its generality is of many basic features, prominent amongst them would be as that:
 - i. 'n, n + 1, n+2' are consecutive artifices
 - ii. Consecutive artifices tripe 'n, n + 1, n+2', to start with is to be of unit 1 format, which would mean that focus of the triple would be the feature {(n x 1), (n + 1 x 1), (n+2 x 1)},
 - iii. This in its generality shall be taking us to general unit 'u', in context of which the triple would emerge as [(nu), (n+1 x u), (n + 2 x u)]
 - iv. The triple 'n, n + 1, n+2', may be of forms
 - a. n-1, n, n + 1)
 - b. (n x ½), (n+1 x ½), (n+2 x ½)
 - c. n = 1, u = 1/2; n = 1 / 2, u = ½; n = r, u = s
 - d. In general n and u may have any value of any system of artifices may those be real, complex, transcendental, self referral or others.
 - v. Then, triple 'n, n + 1, n+2' may be of a straight line format or of circumference format or of other formats
 - vi. The linear (Straight line) format may be of either of the orientation('n, n + 1, n+2' or 'n+2, n, n + 1')
 - vii. Along circumference format the triple ('n, n + 1, n+2') may be of either of the six formations:

a.	n	n+1	n+2
b.	n+1	n+2	n
c.	n+2	n	n+1
d.	n	n+2	n+1
e.	n+1	n	n+2
f.	n+2	n+1	n
 - viii. Ahead triple (n+0, n+1, n+2) is of its sequential steps (0, 1, 2) may be of general steps (r, u, n) which may be taking us to (N+r, N+s, N+n)
 - ix. Not only that the same may be (N, r), (N, s), (N, t) or (N)^r, (N)^s, (N)^t
 - x. Or Rⁿ, Sⁿ, Nⁿ
 - xi. Or 2√r, 3√r, 4√r
 - xii. Or of Hyper cube 4, Hyper cube 5, Hyper cube 6.

- xiii. Or manifestation layer as dimension, manifestation layer as boundary, manifestation layer as domain or as (4 x 4) grid, (5 x 5) grid, (6 x 6).
- xiv. 4 x 4 x 4 cage, 5 x 5 x 5 cage, 6 x 6 x 6 cage.
18. However, the chase of manifestation to be a real chase as per the Discipline of VMS & T is to be as are the systems and processes of Atharaved and its Upved namely Sathapatya upved.
19. The start with concepts are
- कांडा: kanda, Trishapta (त्रिषप्ता:).
 - माया: (Maya), लीला (Lila).
 - क्षेत्र: (Kshetra) क्षेत्रज्ञ: Kshetragya.
20. The two fold processing systems are
- Sankhiya Niststha (artifices of numbers)
 - Yoga Nishha (dimensional frames)
21. The artifices triple to be chase is (4, 5, 6) and parallel to it the spaces triple to be chased would be (4-space, 5-space, 6-space) and further parallel to it the triple hyper cubes formats to be chased would be hyper cube 4, hyper cube 5, hyper cube 6.
22. The summation value of triple (4, 5, 6) is of following features
- $4 + 5 + 6 = 15 = 5 + 5 + 5 = 3 + 3 + 3 + 3 + 3$
 - $15 = 1 \times 3 \times 5$ which is parallel to dimensional equivalence for transcendental domain
 - $15 = 2 \times 7 + 1$ which is parallel to 15 geometries range of 7-space
23. The above focus as such would be upon artifice 5 / 5-space / hyper cube 5 and this focus shall be taking care of :
- Five fold transcendental range
 - Five basic elements range of Earth, water, Fire, Air and Space
 - Panchikaran / 5 x 5 matrix grid / 5 x 5 varga consonants
 - Panchvarti / five concentric circles set up for Bindu Sarovar point reservoir churning with super imposition of Swastik and $5 \times 4 = 20$ artifices values format being available for organization and processing of organization.
 - Transcendental code for Vedic alphabet format:
 - Vowels code value
 - 1, 2, 3, 4, 5, 6, 7, 8, 9
 - 5 x 5 varga code value
 - 1, 2, 3, 4, 5
2, 3, 4, 5, 6
3, 4, 5, 6, 7
4, 5, 6, 7, 8
5, 6, 7, 8, 9
 - Antstha letter code value
1, 3, 5, 7
 - Ushmana letter code value 2, 3, 6, 9
 - Yama letter code value
9, 10, 11, 12, 13, 14, 15, 16

24. The basic formulation 'Kanda' कांडा: on its chase as per transcendental code values range (1, 2, 7, 5, 1, 13) shall be leading us to the values ranges:

(0) Start with range (first vriti)	(1, 2, 7, 5, 1, 13)				
(1) (second vriti)	(1, 3, 10, 15, 16, 29)				
(2) Third vriti	(1, 4, 14, 29, 45, 74)				
(3) Fourth vriti	(1, 5, 19, 48, 93, 167)				
(4) Fifth vriti	(1, 6, 25, 73, 166, 233)				
(5) Sixth vriti	(1, 7, 32, 105, 271, 504)				
Total (1) to (5)	(5, 25, 100, 270, 591, 1007)				

Total (0) to (5) (6, 27, 103, 275, 592, 1020)

(6)	(6, 33, 136, 411, 1003, 2023)
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25. The chase of formulation 'त्रिष्यत्:' would lead to transcendental code value range (2, 4, 1, 6, 5, 4, 1, 13). This range permits split as first triple (2, 4, 1), middle triple (6, 5, 4) followed by the end pair (1, 13).

The first triple (2, 4, 1) permits re-organization $2^1, 2^2, 2^0$. This re-organization has a common base value 2 and index value triple (1, 2, 0), which is the re-organization of the triple (2, 1, 0) and third place value 2 reaching the middle place of the re-organized triple. It is this feature which becomes its distinguishing feature of the format of fixation of the middle as third step fixation after the fixation of the pair of end points.

The middle triple (6, 5, 4) is parallel to the Trimurti order (Lord Vishnu, Lord Shiv, Lord Brahma).

The end pair (1, 13) permit re-organization as (01, 13) which is of the format of pairing of one Geometry of 0-space set up with three geometries of 1-space set up.

All these features together deserve to be comprehended. Further as that the summation value of the range (2, 4, 1, 6, 5, 4, 1, 13), that is 36 is the NVF value (Real) = NVF value chase.

The artifices and dimensional features meanings of the formulation Trishapta namely (3, 7) and (3-space, 7-space) parallel to 3-space having 7 geometries range would further help have an insight about this formulation and its conceptual formats full of pure and applied values reservoir.

26. The chase of formulation (CHASE) would help us comprehend as that here 'CH as E'. It is of the features (3, 8) as (5). The split of value $8 = 3 + 5$ and parallel to it 3 space in the role of dimension and 5-space in the role of domain getting super imposed is the feature which would provide us an insight about this 'Chase'.

27. Further the chase of the formulation 'Real' will sequentially help us chase it as

(i) NVF (R) = 18 = 3 + 4 + 5 + 6 as quadruple 3, 4, 5, 6 and parallel to it four fold manifestation layer (3, 4, 5, 6) of hyper cube 5.

(ii) NVF (E) = 5 is parallel to 5-space.

(iii)NVF (A) = 1 is a step ahead which will take to 6-space and the same in terms of measuring rod of transcendental domain (5-space) shall be making it a single step so the value '1'.

(iv)NVF (L) = 12 is parallel to transcendental boundary of 12 components of hyper cube 6.

28. This makes chase as real chase of manifestation as of four folds.

29. The formulation 'manifestations' on its chase in terms of NVF (values of individual letters) shall be permitting us coordination thereof as

Letter	NVF	NVF	Letter
i. First letter	13	20	eighth letter
ii. Second letter	1	1	ninth letter
iii. Third letter	14	20	tenth letter
iv. Fourth letter	9	9	eleventh letter
v. Fifth letter	6	15	twelfth letter
vi. Sixth letter	5	14	thirteen letter
vii. Seventh letter	19	19	fourteen letter

30. It would be a blissful exercise to decipher out coordination like same value for second and 9th letter, 4th and 11th letter, 7th and 14th letter, and further coordination of other values.

31. The sequential chase of above values limb from first step to seventh step (13, 1, 14, 9, 6, 5, 19) would help us reach at their formats as

(i) 13th edge cube

(ii) The 13th edge

(iii)Spatial format for 13th edge making a set up of 14 edges

(iv)Reach at 9 point fixation for cube

(v) Reach at 6 surfaces fixation of cube

(vi)Reach at 5 unmanifest edges of the cube (other than 7 edges of the cube which shall be sustaining all the six surfaces of the cube) and

(vii) Split into a pair of hemispheres of values triple (17, 18, 19) and thereby a reach at value 19.

32. Likewise the chase ahead shall be taking us to the middle / center / origin placement of pair of hemispheres.

33. It shall be sequentially unfolding a values range (20, 1, 20, 9, 15, 14, 19). This chase would be very blissful. The placement at the center of hemisphere of 4-space which in its different roles and its spatial order would be of real help to sequentially reach at the values range.

34. The values range 13, 1, 14, 6, 5, 19, 20, 1, 20, 9, 15, 14, 19, as starting point shall be leading us to first virti values range (13, 14, 28, 37, 43, 48, 67, 87, 88, 108, 117, 132, 146, 165). This values range as NVF values range shall be leading us to corresponding NVF values formulations range (Age, dead, air, seal, frame, tree, water, truth, volume, Geometry (sun, sun), manifesting, life discipline, manifestation (format, format) and ultimate unit / ultimate zero,



Manifestations as Four Fold Layers

1. Four fold manifestation layers are formatted in creator's space presided by Lord Brahma, whose idol is of the features parallel to the features of hyper cube 4.
2. Hyper cube 4 is formatted as four fold manifestation layer (2, 3, 4, 5) and it is of a spatial order (2-space in the role of dimension) set up with transcendental origin (5-space as origin)
3. The summation value $2 + 3 + 4 + 5 = 14$ with its re-organization as $14 = 10 + 4 = (1+2+3+4) = (1+1+1+1)$ makes it of sequential features of hyper cube 3 along affine features set up. It is because of it that 4-space is porous and provides a degree of freedom of motions for solids which in their dynamic state reach uptill the origin of 4-space and manifest it as solid order transcendental origin.
4. This feature of sequential order of solids as hyper cubes having a degree of freedom of motion along linear affine format (1, 1, 1, 1) in 4-space and reaching uptill the origin of 4-space and structuring it as solid order transcendental origin deserves to be chased for comprehending and having an insight about the manifestations / manifested creations of four folds formats.
5. The space (4-space) being porous, solids having a degree of freedom of motion, and solid while availing affine linear format and having a reach up till the origin and also structuring it as solid order transcendental origin, on its chase will help comprehend as to how linear order of 3-space (solids) transit and transforms in to spatial order and how the origin gets enveloped within 4-space.
6. It would further deserve to be chased as to how 9 geometries of 4-space split into $4 + 5$ and 4 of them because of the spatial order and super imposition of orientations gets segregated and remaining 5 manifesting a format for end as a degree of freedom of motion for 4-space / hyper cube 4 for its reach up till 5-space.

7. One may have a pause here and have a fresh chase with the help of artifices ranges (1, 2, 3, 4) and (1, 2, 3, 4, 5) of the above feature of four fold manifestation format transiting and transforming into a five fold transcendence format:

Step i) 1 2 3 4

Step ii) 1x1 2x1 3x1 4x2

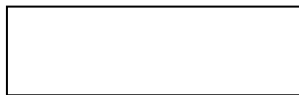
Step iii)

hyper cube 4 has 9 versions parallel to 9 geometries of 4-space, and that way the values

		1x1	2x1	3x1	4x2+1	
Step iv)	1x1	2x1	3x1	4x1		5

Step v)	1	2	3	4	5
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8. The above attainment of transition and transformation from (1, 2, 3, 4) to (1, 2, 3, 4, 5) shall be at work in its generality for transition and transformation from (n-3, n-2, n-1, n) from to (n-3, n-2, n-1, n, n+1). The sequential chase may be had following the above steps.
9. Illustratively the quadruple (2, 3, 4, 5) with 11 geometries of 5-space / 11 versions of hyper cube 5 and split $11 = 5 + 6$ of which 5 geometries being of negative orientations and six of positive orientations, which shall be extending the format from (2, 3, 4, 5) to (2, 3, 4, 5, 6).
10. The transition from four fold format to five fold format as transition and transformation from cube as hyper cube 3 to hyper cube 4 as transition and transformation for quadruple (0, 1, 2, 3) to (0, 1, 2, 3, 4) deserves to be chased for comprehension of basic features of this phenomenon and this comprehension together with the comprehension of transition and transformation from 1, 2, 3, 4 to 1, 2, 3, 4, 5 will help us have an insight.
11. The quadruple (0, 1, 2, 3) has a set-up of zero dimensional order and solid origin and the quadruple (1, 2, 3, 4) of linear dimensional order and spatial order hyper cube formatted origin on their simultaneous chase will make the insight of sublime features.
12. Infact the simultaneous chase of all the roles of 3-space along 4 x 4 format would further enlighten about the phenomenon of transcendence from the manifestation format itself.

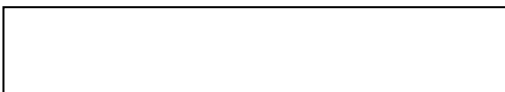


03

Hyper Cube 5

1. The organization of hyper cube 5 format deserves to be chased firstly as transition and transformation from the format of hyper cube 4 and then as a transition and transformation from the format of hyper cube 5 to the format of hyper cube 6.

2. This two fold chase can be firstly as a transcendence from the format of hyper cube 5 to format of hyper cube 5 and secondly as an ascendance from the format of hyper cube 6 to the format of hyper cube 5.
3. This reach for hyper cube 5 from both sides, that is from the side of hyper cube 4 as well as from the side of hyper cube 6 and the attainment of triple (4, 5, 6) / (4-space, 5-space, 6-space) / (hyper cube 4, hyper cube 5, hyper cube 6) shall be a six fold structural formatting as six triples set ups, viz:
 - i. (4, 5, 6), ii. (5, 6, 4), iii. (6, 4, 5)
 - iv. (4, 6, 5), v. (5, 4, 6), vi. (6, 5, 4)
4. The organization of above six folds as a pair of triple of triples namely, the first limb of above first three triples (i), (ii), (iii) and as a second limb of above fourth to sixth triples parallel to the format for the split of a three dimensional frame into a pair of three dimensional frames of half dimensions and further there placements formatting in pair of orientation setting shall be further taking us to the feature of organization as that the orientation pairing (+1), (-1) and (-1), (+1) shall be resulting into manifestation sustenance of solid order accepting 12 edges (of a cube and the same at next sequential step as transcendental boundary (5-space in the role of boundary) of 12 components) of self referral domain (6-space).
5. The manifesting process being in a spatial order (2-space as dimension) creator's space (4-space), as such each of the 12 edges get formatted with super imposition of orientations to have zero value flow from the corners of the cube as origins of three dimensional frames of half dimensions.
6. The chase of this feature shall be bringing into features of artifice 24 as 2 x 12, 3 x 8, 4 x 6 and further as that artifice 24 shall be constituting a reflection pair with artifice 42 and all these features together shall be leading to structuring of NVF (New) = 42 = NVF (Five).
7. The hyper dimensional order (4-space in the role of dimension) of self referral domain (6-space in the role of dimension) shall be leading to the feature of 6 x 4 = 24. The super imposition of pair of orientations as 12 edges permitting origin values flow from corners of cubes as origins of three dimensional frames of half dimensions, as such shall be leading to transcendence which shall be taking to the (base fold) with NVF (Base) = 27 = 3 x 3 x 3 = NVF (Half) and that NVF (Half) + NVF (Half) = NVF (Sun) a self referral feature of manifestations.
8. NVF (Edge) = 21 = NVF (Beam) and organization of artifice 21 = 1 + 2 + 3 + 4 + 5 + 6 and further artifice 21 and 12 constituting a reflection pair (21, 12) and that the summation value 21 + 12 = 33 = NVF (Seed) and that Rigved(first ved) accepting 21 branches, all the features whose chase would help us have an insight about the different roles of 5-space / hyper cube 5 as transcendental domain, transcendental dimensional order, transcendental boundary, transcendental origin and transcendental base in terms of which the knowledge organization manifests as Vedas written and printed upon rays of Sun.



Manifestation of Manifested Folds

1. Chase of existence phenomenon is going to be the chase of manifestation layers whose folds themselves are the manifestation layers.
2. This chase is going to be a simultaneous chase of pure and applied values of knowledge manifesting as Vedas.
3. Knowledge and organization of knowledge are distinct but are of parallel features.
4. This feature of knowledge and organization of knowledge is parallel to complementary and supplementary as well as parallel feature of artifices of numbers and dimensional frames.
5. 'Vedas' are the culmination of this attainment is to be real of phases and stages
 - i. Transition from 1 to 4 as the 'one wholesome 'Ved' to organisation of wholesome range of knowledge as four Vedas by Braham Rishi VedVyas.

The formulation VedVyas 'वेदः व्यासः' in simple English rendering means 'diameter of vedic sphere'. This would help have an insight for transition from 'straight line' to 'Diameter' / NVF (Straight line) = NVF (Two space line) = NVF (Two space mind) = NVF (Sphere) + NVF (Sphere). Further NVF (Diameter) = NVF (Series), NVF (Dia) = 14 = 14 = 2 + 3 + 4 + 5 = Hyper cube ; NVF (Meter) = NVF (Church) = 61 = NVF (Real area) = NVF (Chase Area)

Transcendence code values,

- ii. TCV (वेद) = 20 which is parallel to summation value of quadruple dimensions of every order' as / n, n + 2, -6, 12-2n / 2n, 2n + 2, 2n + 8, 20
- iii. TCV (वेदः) = 33 which is parallel to format of formation of organization of pair of three dimensional frames of half dimensions.
- iv. NVF (Caged) = NVF (Cage) = NVF (D) = NVF (Cage 4) = 20 = NVF (Seed) = 33
- v. TCV (ऋक्) = 5 = 2 x 2 + 1
- vi. TCV (ऋग्) = 7 = 2 x 3 + 1
- vii. TCV (ऋग्वेद) = 27 = 3 x 3 x 3
- viii. TCV (ऋग्वेदः) = 40 = 3⁰ x 3² x 3³
- ix. 'ऋक' an simple English rendering means Line; NVF (Line) = 40
- x. TCV (यजुः) = 11 = 2 x 5 + 1
- xi. TCV (यजुः) = 11 = 20
- xii. TCV (यजुर्वेद) = 31
- xiii. TCV (यजुर्वेदः) = 44 = 31 + 13
- xiv. NVF (Cube age) = 31 + 13 = 44 = NVF (Space
- xv. TCV (ऋग्वेदः) = 40 = TCV (यजुर्वेदः) = 40 leads to (40, 44) with summation value 84 = NVF (Colour)
- xvi. TCV (सामवेदः)
= TCV (साम) + TCV (वेदः)
= 15 + 40

$$\begin{aligned}
&= 55 = 5 \times 11 = 5 \times (2 \times 5 + 1) \\
&= NVF (\text{Sky}) = 55 = 44 + 11 \\
&= NVF (\text{Space Bed}) \\
&= NVF (\text{Go seed}) \\
&= NVF (\text{Face line}) \\
&= TCV (\text{अथर्ववेदः}) = TCV (\text{अथर्व}) + TCV (\text{वेदः}) \\
&= 17 + 33 \\
&= 50 \\
&= NVF (\text{Void}) \\
&= NVF (\text{Back Seed}) \\
&= NVF (\text{Back Seed}) \\
&\quad \text{Void} = V, O, I, D \\
&= 22, 15, 9, 4 \\
&\quad 22-7 = 15 \\
&\quad 15-6 = 9 \\
&\quad 9-4 = 5 \\
&\quad 5-5 = 0
\end{aligned}$$

6. The manifestation layer (4, 5, 6, 7) with summation value 22 and sequential formulation void with progression phases and stages as above deserve to be comprehended to have an insight about the format of hyper cube 6 as a manifestation layer (4, 5, 6, 7).
7. One may have a pause here and permit the transcending mind to have a fresh transcendence along the format of hyper cube 6 as four fold manifestation layer (4, 5, 6, 7) of summation value $4 + 5 + 6 + 7 = 22$ which as NVF (Go) = 22 and TCV (छंदस्) = 22 and the set of 22 upsargas (creations phases and stages) and still further as that the four fold affine format (1, 1, 1, 1) and 'go' along it as of artifice value 22 together making it $22 + 4 = 26$, the number of meters / chandas / filters will provide us the needed insight of organization of Vedic Samhitas.
8. Rigved samhita, Sakala Rigved Samhita which is the scripture of the range of 432000 syllables, is organized as ten mandals, 8 austaks, 64 chapters, 85 anuwaks, 1028 suktas 2024 vargas, 10552 richas and 34735 unmanifest syllables and this organization is structured in terms of four fold features namely (i) Rishi ऋषि (ii) Devta देवता (iii) Chandas छंदस् (iv) Swara स्वर.
9. The chase of organization formats of these four formulations (i) Rishi ऋषि (ii) Devta देवता (iii) Chandas छंदस् (iv) Swara स्वर will help us to have an insight about their formats of diagonal of a square, spatial diagonal of a cube solid diagonal of hyper cube 4 and hyper diagonal of transcendental domains (5-space) / hyper cube 5, and the Samhitas (organized knowledge as Vedas) being the chase of Asht Prakrati (8 fold nature) / hyper cube 8 with manifestation layer (6, 7, 8, 9) of Brahman (Nav Braham) / 9-space as origin and the transcendence base thereof being 'Par Braham' / 'ten place value system' organization format.
10. The formulation 'ऋषिः' with transcendental value code $4 + 2 + 6 + 13 = 12 + 13 = 25 = NVF$ (Area) is parallel to the features of affine diagonal of values (5, 5, 5, 5, 5) of 5 x 5 matrix / grid format as under :

1 2 3 4 5

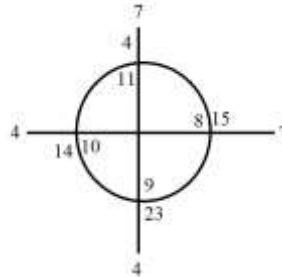
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

11. The formulation 'देवताः' with transcendental value code $6 + 6 + 7 + 1 + 4 + 2 + 13 = 26 + 13 = 39 = \text{NVF (Angel)} = \text{NVF (Angle)}$ is parallel to the features of affine spatial diagonal constituted by the pair of internal diagonals of cube structuring surface of prism and thereby having split for the cube as a pair of prisms and parallel to it there being split of sphere into a pair of hemispheres. Here it would be relevant to note that the 'angle' structured by pair of diagonals of the cube is a new and a different angle than that of the features of an angle structured in planes. $\text{NVF (New angle)} = 81 = \text{NVF (Square)}$. And $\text{NVF (Straight)} = 102 = \text{NVF (Two space)} = 51 + 51 = \text{NVF (Full)} + \text{NVF (Full)}$. Further as that $\text{NVF (Square)} = \text{NVF (Void cube)}$.
12. The formulation 'छंदसः' with transcendental value code $3 + 1 + 8 + 6 + 1 + 3 = 22$ and the formulation 'छंदः' with transcendental value code $3 + 1 + 8 + 6 + 1 + 13 = 32$ and $22 + 32 = 54$ and $\text{NVF (Sun)} = \text{NVF (Go life)} = \text{NVF (Life go)}$ and still further $\text{NVF (Sun bag)} = 64 = \text{NVF (unit)} = \text{NVF (Zero)}$, are the features which will help us have needed insight.
13. The TVC (छंदसः) as $4 + 8 + 7 + 3$ on its chase as 4-space, 8 solid components of boundary of 4-space, 7 geometries range of solid boundary components, as 3-space, as such would help us have a chase starting with 3-space and reaching at its 7 geometries range where from to have a split for 3-space domain of zero Geometry format into 8 solid components enveloping 4-space seat at the origin of 3-space, that way shall be attaining transition and transformation from 3-space set up to 4-space set up.
14. The formulation 'स्वरः' with transcendental value code $3 + 7 + 1 + 3 + 1 + 13 = 15 + 13 = 28$ is a reach for second perfect number artifice value 28 as NVF (Air) , the fourth element. The organization $28 = 15 + 13$ is parallel to the organization of a reach of 15 geometries range of 7-space together with 13 geometries range of 6-space.
15. This chase as four folds manifestation layer with each fold itself being a four fold manifestation layer, ultimately formats chase of self referral dimensional order (6-space in the role of dimension) formatting hyper cube 8 (6, 7, 8, 9) which ultimately is going to be 'light format' with $\text{NVF (light format)}$ is 'count down' with $\text{NVF (count down)} = \text{NVF (light format)} = \text{NVF (format light)} = 129 = \text{NVF (Half dimension)} = \text{NVF (half two space)}$ as $\text{NVF (Two space)} = \text{NVF (Straight)}$ so it is going to be a feature of an interval with $\text{NVF (Interval)} = 101$ and there being a 'half' of it permitting to go 'straight' on either side.

Blissful exercise

16. It would be a blissful exercise to chase formulations of NVF value (73). Format, pulse, sound and count are the representative formulations of such NVF value.
17. The Panchvriti (five folds chase of these formulations will bring us face to face with the way different features of given formulations unfold, manifest and express. Illustratively the formulation 'count' is being taken up here.

18. The startwith values range comes to be 'c=3, o=15, u=21, n=14 and t=20'. This startwith values range 3, 15, 21, 14, 20, shall be leading to first fold values range as (3, 3 + 15 = 18, 18 + 21 = 39, 39 + 14 = 53, 53 + 20 = 73). This first fold values range shall be leading us to formulations range sea, head, angle, axis, format. Like that second fold values range would be 3, 31, 60, 113, 186. Third fold values range would be (3, 24, 81, 173, 359). Fourth fold values range would be (3, 27, 105, 282, 641) and fifth fold values range would be (3, 30, 135, 417, 1058).
19. Parallel NVF formulations can be reached at. The formulation 'down' with values range '4, 15, 23, 14', as such is leading to jumps for 4, 15 as 11, for 15, 23 as 8 for 23, 14 as 9 and for 14, 4 as 10. This pair of ranges (4, 15, 23, 14) and (11, 8, 9, 10) will permit their inner and outer circle representations as under



20. The inner circle values range (8, 9, 10, 11) is manifestation layer with 8-space in the role of dimension.
21. Further the differences values range of corresponding phases of inner and outer circles values comes to be which would permit a frame for a pair of 4 x 4 and 7 x 7 matrix grids.
22. The count down / light format taking artifice 6 to artifice 5 (56 as NVF of light with its inverse 65 as NVF of Center) and further from 5 to 4 (45 as NVF of range with its inverse 54 as NVF of Sun) are the transcendence chase steps resulting into transcendence area as transcendental phenomenon as much as that NVF (transcendental) = NVF (Transcendence area). The sequential reach from 1^2 to 2^2 and 2^2 to 4^2 amounts to working on linear format as that $16 = 1 + 2 + 3 + 4 + 3 + 2 + 1$, a 7 steps reach.
23. All these features deserve to be chased again and again to know more and more about 'manifestations' and for a step ahead of transcendence therefrom as a transcendental phenomenon by having a chase of 'transcendence area'.



FILE-3 CREATOR THE SUPREME

1

GURU BRAHMA

[Four head Lord equipped with a pair of eyes in each head, sitting on a lotus seat of eight petals & meditating upon His Lord, Lord Shiv]

Sadhkas fulfilled with intensity of urge to glimpse the Brahman, sitting before the picture /idol of Lord Brahma, meditate & pray: Let Guru Brahma lead the flow of intensity of urge to transcend through the manifestation formats of creations and to permit the transcending mind to get fulfilled with ambrosia of bliss of inner folds of the transcendental worlds and to have privilege to glimpse the Brahman as the ultimate source reservoir of the features of creations and values of the Creator, the Supreme.

Sadhkas avail this opportunity for deep meditation and prayers for the intensity of urge to know to guide the transcending mind to avail the features and values of the IDOL of Lord Brahma as features and values of the manifestation formats of creations within creator's space presided by the Lord Brahma.

Sadhkas being of single head manifestation formats, parallel to head of Lord Brahma, they have to go through prolonged sittings of trans, time and again, as the transcendence is to be "quarter by quarter".

Sadhkas shall follow the Guru's path to meditate upon His Lord, in the cavity of his own heart, and to attain transcendence from the format of "a pair of eyes for the head" to the format of "triple eyes for the head", and also there being a simultaneous transcendence and transition from "a format of four heads with a pair of eyes to that of five heads with triple eyes for each head"

This meditation and prayer of the sadhkas, with the grace of Guru Brahma, shall be leading from creator's space to the transcendental worlds where Lord Ganesha, the Lord of Ganas shall be leading the transcending minds of sadhkas through the transcendental worlds.

With this, the sadhkas may prepare for, step 2, by making available for them the picture/ Idol of Lord Ganesh.

Note 1. Basic technical term jigyasha/urge to know

Shalok 1 of Brahm Sutra and Shalok 6.44 of

Srimad Bhagwat Geeta may be referred

2

LORD GANESHA (LORD OF GANAS)

Guru Brahma settles the way & path for transcendence from His space to the transcendental worlds of Shiv Lok.

The followers of the way & path of transcendence are led by Lord Ganesha, the lord of Ganas.

Lord Ganesha, for the guidance of transcending minds sequentially accepts one, three, five and seven heads.

The sadhkas avail the privilege of the grace of transcendental forms accepted by Lord Ganesha and sequentially glimpse the inner folds of the transcendental worlds of Shiv Lok and get fulfilled with ambrosia of transcendental bliss.

For this privilege, Sadhkas sit before the *murati/ IDOL* of Lord Ganesha and permit their transcending minds to avail one by one the artifices of the twelve transcendental names of Lord Ganesha.

Scriptures preserve these transcendental names being:

- (1) sumukha (2) ekdanta (3) kapil
(4) gaz karana (5) lambodra (6) vikat
(7) vighan-nashna (8) vinayak
(9) dhumarketu (10) gana-adhaksha (11) bhalchandra (12) gajjananna

To attain the order of the transcendental values of these twelve transcendental names of Lord Ganesha, Sadhkas shall faith fully avail the artifices of these names one by one, beginning with the first transcendental name, namely SUMUKHA (face with transcendental grace) and recite it for full one year during sittings of trans during the year, and like wise during twelve years of yajna, one shall be privileged to be fulfilled with the transcendental bliss of the order of the transcendental worlds.

This way, the attainments of the first year of Gyan yajna would be of the order of the transcendental values of the “transcendental grace of the face of Lord Ganesha”.

With it one shall be set on the path are UNITY STATE of consciousness of the order of Universe of Pole star, which is going to be step 3 of the yajna of this week of this quarter of this phase and stage of first year of Dwadash varsh Gyan Yajna in progress.

Note 2. pictorial depiction of different transcendental forms form forms of idols of Lord Ganesha may be collected.

3

UNITY STATE POLE STAR UNIVERSE

Pole Star universe is known as sapt - rishi lok (real 7- space).

Lord Ganesha by sequentially accepting one, three, five & seven heads flourishes the transcendental ways and paths through transcendental worlds which lead to the Pole-star Universe.

Pole-star Universe is the Universe of unity state of consciousness.

It is the ultimate seventh state of consciousness within which the whole range of manifestations formats go transcendental and give way for transcendence there from and as a result the transcending mind comes back to shelter of the Creator.

The sadhkas with glimpsing of the inner folds of the transcendental worlds get fulfilled with ambrosia of bliss of the transcendental worlds and there by attain mental format of spatial order for a fresh start from Creator's space. It is like approaching artifice "2 as 1".

In terms of it, one may appreciate four folds of four forms of Lord Ganesha accepting one, three, five & seven heads, as availing this value of the spatial order of the creator's space.

The transcendental gapes of four fold manifested steps of one, three, five & seven heads of Lord Ganesha, are three fold of artifices values 2,4 & 6 respectively being the gapes in between one head & three heads, three heads & five heads, and, five heads & seven heads respectively.

This feature amounts to providing spatial formats for "first axis, pair of first two axes and for all the three axes of the solid order of the transcendental worlds". The transcendental value of this feature is that it shall be providing artifice $2 \times 4 \times 6 = 48$ which when chased is to work out the hyper transcendental order which shall be taking up till the self referral boundary of Pole star Universe.

This 48 self referral domains of potentialities of providing boundary for the Pole star Universe which is chased as 48 phases and stages of the Gyan Yajna.

The flow of intensity of urge to know the Vedic way, as such deserves to be set for following these 48 phases and stages for attaining unity state of consciousness. With its attainment, one may the of the privileged state of glimpsing the whole range from Triloki to Brahman domain as a single transcendental existence Phenomenon. It would be a blissful unity state of the transcending mind as being of the order Pole star Universe enveloped by self referral boundary of dimensional order $2 \times 4 \times 6 = 48$ as is of the sun

Scriptures work out Universe of Pole star along the format of hypercube-7 with domain boundary ratio being $A^7: 14 B^6$. It is a format accepting 14 suns constituting boundary for saptrishi lok/Universe of Pole star.

Scriptures work out this setup in many ways, of which the two prominent are, firstly of 14 maheshwara sutras at secondly of 12 syllables mantra (Om namo bhagwate vasdey). These paths and ways are also known as the paths and ways of (1) Duwadas Lingum (twelve transcendental supports) and (2) Chatur das Bhuwans (fourteen self sustained domains)

With this, the sadhkas shall be in the following two steps shall be permitting flow for intensity of urge to know by having awareness of the above two ways and paths of approaching the Universe of Pole star as unity state of consciousness.

Note 3. Stage has reached when one shall start expressing One self as to how one feels his intensity of urge to know is flowing and the path and way it has started following.

Within creator's space the transcendental boundary of sun manifests as twelve transcendental worlds. The format of this manifestation is known as hyper cube- 6 enveloped within boundary of twelve transcendental supports (Duwadas Lingum)

Scriptures enlighten about these Duwadas Lingum. For full transcendental values of these transcendental supports sadhkas go to the shelter of each transcendental support for one full year and like that attain transcendental order within twelve years.

The first Lingum/ transcendental support is designated and is known as "somnath". As such during first year of Gyan Yajna we have to avail shelter of "Somnath Shiv Lingum"

Note 4. This and the following steps shall be focusing upon the geometric formats of hyper cubes 6 and 7 upon which are the Universes of sun and pole star. One shall comprehend thtellectually these formats very well.

Hyper cube 6 is of format $A^6: 12 B^5$. It is a representative regular body of Vishnu Lok/Sun/6-space

5

CHATUR DAS(14)BHUWANS FOURTEEN SELF SUSTAINED DOMAINS

Within creator's space the self- referral boundary of sun manifests as fourteen self sustained domains. The format of this manifestation is known as hyper cube- 7 enveloped within boundary of fourteen self sustained domains (Chaturdas Bhuwans)

Scriptures enlighten about these Chaturdas Bhuwans. One day of Lord Brahma, creator the supreme is divided in to fouteen kalaps as existence phenomena within Chaturdas Bhuwans at the self referred the boundary of the Universe of Pole star (sapt-rishi Lok/ 7- space).

These fourteen Bhuwans at boundary of Universe of Pole star are of the format of fourteen maheshwara sutras beginning with swateshwara kalap/ first self sustained domain/ first Bhuwan/ first boundary component of the Universe of Pole star being of the format of first Maheswara sutra which coordinates first three vowels.

The eternity of the Universe of Pole star is attained by Dhruv by going to the shelter of self referral domain of sun by availing the artifices of twelve syllables mantra (Om Namho Bhagwate vasdeyay) of values of the order of dwadas lingum (twelve transcendental supports)

Note 5. This step focuses upon the geometric format of hyper cube 7 upon which is manifested the Universes of pole star. One shall comprehend thtellectually this format very well.

Hyper cube 7 is of format $A^7: 14 B^6$. It is a representative regular body of saptrishi Lok/ 7-space

Note : - With this the first week of the Yajna would be completed. Sadhkas shall share there comprehensions.

Note : - Next week steps shall be shared on 19-02-2006.

6

AWARENESS OF KNOWLEDGE RANGE

1. This Gyan Yajna is of twelve years durations.
2. It has its beginning on 12-02-2006.
3. Previous six weeks (31-12-2005 onwards) were preparatory steps.
4. Of the six weeks, the period 31-12-2005 to 11-01-2006 has been the meditation period and there after 12-01-2006 to 11-02-2006 has been the prayers time.
5. The first two weeks of Yajna, that is, from 12-02-2006 to 18-02-2006 and from 19-02-2006 to 25-02-2006 are the awareness weeks of the Yajna.
6. The Yajna shall be on its transcendental path since the SHIV RATRI (26-02-2006). And, this way this transcendental performance for its completion shall be taking us up till 25-02-2018, the last day of prayers of this Gyan Yajna.
7. With beginning of the week (19-02-2006 to 25-02-2006, the Sadhkas are to be consciousness of their awareness of the knowledge range of the Yajna.
8. The end fruit of the Gyan Yajna is to be the perfection of intelligence chasing Vedic range of knowledge as impulse of consciousness riding the ativahikas / carriers within rays of the sun.
9. This Vedic range is of the order of 432000 akshars / syllables of Rigved samhita.
10. As such the Sadhka's awareness of range of knowledge is to begin as well as to end with the awareness of 'Rigved Samhita'

Note: - One shall start listing one's discussion points, for which soon there may be a forum. Till then, the same may be shared with the undersigned.

Note: - First step of second week is enclosed here with. The others to follow on tomorrow (18-02-2006)

7

AWARENESS OF KNOWLEDGE RANGE

1. Aim of the Yajna (Gyan Yajna) being the full knowledge of the Creator's space, accordingly there as to be a full awareness about the Creations and the Creator.
2. Scriptures enlighten as that the Creator has accepted His age as of 432000 years, and as such the awareness range of the Sadhkas is to be of this order.
3. Scriptures further enlighten as that the range of Rigved Samhita is of 432000 akshras / syllables, and as such the awareness of knowledge range is to be of this order as that 'Rigved Samhita is the source scripture'
4. Scriptures still further enlighten as that deep breathing during a day by the Purusha is of 432000 counts and as such for full awareness one is simply to be aware and conscious of one's breathing.
5. Scriptures also enlighten as that the impulses avail the artifices of sole syllable (Om) to coordinate 432000 free particles (kana) as blocks (ganas) for riding ativahikas / carries within rays of the sun to follow the Sathapatiya paths accepting Lord Brahma as the presiding deity of the measures.

6. With this awareness of the range of knowledge accepting Sathapatiya measuring rod, Sadhkas set them self for Gyan Yagya with its destination of attainments to be of the order of vishnulok / atman / sun /six space / hypercube-6.

8

ORGANISATION FORMAT OF *RIGVED SAMHITA*

1. For full awareness of the range of knowledge, one is to go for awareness of the **Vishnulok / atman** / sun /six space / hypercube-6.
2. The expression range of this awareness is going to be of the order of 432000 syllables of **Rigved Samhita**.
3. The **Sadhka** is to permit the transcending mind to avail the artifices of the formulation “**Rik**” for unfolding “Trans Format” parallel to the “Organisation format of **Rigved Samhita**”.
4. The formulation “**Rik**” is the “second **Maheshwra Sutra**”.
5. With it, transcending mind shall start following the knowledge manifested along the “Organisation format of **Rigved Samhita**”.
6. The first letter of the **samhita** text is the first vowel “**akara**”.
7. In the sequence, the first letter of **Yajur-Ved (samhita)** is the second (elongated) vowel.
8. The first syllable of **Rigved Samhita** is “**ak**”.
9. The formulation “**ak**” is be **pratihara** covering combined range of first as well as the second Maheshwra sutras.
10. Hare it may be of help to intensify the awareness of the Organisation formats of Samhitas, the trans formats and the ativahikas-marg (transcendental carriers paths within rays of the sun) by chasing the self referral features of the spatial order of the Creator’s space which would help appreciate as to how the text formulations are manning-full simultaneously along both orientations. Illustratively, the formulation “*purvena*” of first ganita sutra, namely “*eka-adhikena purvena*” ,when is chased for the reversed orientation of the text “*purvena*”, it shall be taking us to the basic structural key for un-locking the Organisation formats of Vedic texts along the functional formats of Maheshwra sutras and of *sarswati mantras*.
11. This awareness shall be leading to transcendental initiations for availing the transcendental format of hypercube-5 being the representative regular body of transcendental worlds of Shiv Lok (5-space).
12. It is by chasing the Organisation format of hypercube-5 whose boundary is constitute by as many as 10 hypercube-4, one shall be hearing required awareness about feature of **Rigved Samhita** being of 10 *mandals*. And, like that, for one to acquire full awareness of different features of the Organisation format of **Rigved Samhita**, one is to be acquainted well with the formats of reprehensive regular bodies of real 1-6 spaces coordinating the Sathapatiya measuring rod.

Note: - From the steps up till this stage, it may have brought to attention as that the focus of awareness of the range of knowledge is to be upon the geometric formats of real 1-6 spaces (hyper-cubes 1-6) for it some help may be had from my book “Vedic geometry” (1994) published by Arya book depot, Karol bagh, New Delhi. For those who are exposing themselves to Vedic geometric formats approach to Vedic systems, they may better form small groups with seniors and avail their knowledge, experience and library for in depth self study at intellectual and experiential levels.

Note : - 2

As has been mentioned by way of linking notes, the Gyan Yajna is to begin for its attainments from 26-02-2006, the ShivRatri (the transcendental night). These days up till that may be availed for awareness of the range of knowledge to be covered during this twelve years Yajna. From to-day till 25-02-2006, the Sadhkas may share with the undersigned about their awareness efforts and the way they would like interaction and help from the undersigned.

Note : - 3

The 26-02-2006 is the ShivRatri. This transcendental night is the most valuable moments which shall be availed for beginning of the Yajna. One shall learn all what one can about “ShivRatri” and try to come up to the expectations of it.

Note : - 4 Prepare your self well for it.

9

PURUSHA FORMAT

1. The excellence of Vedic systems lies in Organisation of whole range of knowledge along Purusha format and with it the knowledge domain emerges being of the order of the impulses of consciousness of the Sadhkas.
2. As such, the first focus of the Sadhkas may be upon their understanding of their own formats, which, to began with may be approached as is the setup of their body, that is, “human body”.
3. This state is approached in terms of the “senses”, and as such, macro state of human body may be accepted as the “sensory field”.
4. From macro state of human body, one shall proceed to know its micro state; and like wise to cover the whole range of the states of human body, of which the prominent range is of “macro, micro, casual, transcendental, cosmic states”.
5. Parallel to these states emerge the consciousness states fields, namely, waking state, dream state, deep sleep state, *turia* state/ transcendental state, and cosmic state of consciousness.
6. The sixth consciousness state, namely, the God state of consciousness is designated as of “Purusha format”.

7. The impulses of states of consciousness are carried forward by the “*agin/fire*”.
 8. *Parallel to the different states of consciousness are the different manifestations of “agin/fire”.*
 9. *As such, the beginning of the systems of “Rigved Samhita”, is with the element “agin/fire”, and the chase is to be continued for its attainments of “fires” carrying the impulses of consciousness for their riding the “ativahikas” within rays of the sun/ atman/ vishnulok.*
 10. With full awareness of “*Purusha format*”, one shall be perfecting one’s intelligence and shall be comprehending the phenomena of “Vedas being written on rays of the sun”.
 11. This shall be bringing the Sadhkas face to face with the transcendental unison of whole range of approaches to the Vedic range of knowledge, and as such the whole range of languages, may those be of human beings, or of other living and known living beings availing formats of sound, light, impulses.
 12. Therefore, this Sadhkas shall, first of fall, permit their transcending minds to glimpse this unison phenomena of “whole range of languages, and with it, one may appreciate” the “traditional claim as that Vedas are the ultimate source of languages and knowledge”. Accordingly, one may expect at the end of the Yajna being the master of “ languages and knowledge”.
- Note : - One shall have at least one sitting of TRANS a-day for a week, for the transcending mind glimpse the different states of consciousness and corresponding manifestations of fires.

10

SATHAPATIYA MEASURING ROD

1. First Vedic mathematics, science and technological tool is the, Sathapatiya measuring rod.
2. One features of this measuring rod is that “Lord Vishnu” is its presiding deity, and as such, it is of the setup being of the order of “six space”.
3. It being of the order of “ six space” which is of hyper dimensional order, that is, as that four space is to play the role of its dimensional, their for, the “measure” of this measuring rod is to be played by four space with Lord Brahma as its presiding deity.
4. Lord Brahma, Creator the supreme Him self being the presiding deity of the Sathapatiya measuring rod, it can measure the whole range of knowledge of creations.
5. Lord Vishnu being the presiding deity of Vishnu Lok/ atman/sun, this Sathapatiya measuring rod would be the measuring rod of the transcendental path of ativahikas of the rays of sun.
6. As such, this measuring rod may be sequentially chase as six steps parallel to the setup of hyper-cubes 1-6 as repetitive regular bodes of real 1-6 spaces.
7. Therefore Sadhkas shall permit their transcending mind to transcend through this synthetic setup of hyper-cube 1-6.
8. One way to approach this measuring rod along the linear format of 1-space is as an interval of sic units.

9. The second way approach this measuring rod is along this spatial setup of a plane as hexagon.
 10. The third way to approach this measuring rod is to accept three space in the role of dimension which shall be taking up till six space in the role of origin fold.
 11. The fourth way to approach this measuring rod is as a dimensional frame of six space with four space in role of dimensional of six space.
 12. The fifth way to approach this measuring rod is parallel to the way six space coordinates its transcendental boundary.
 13. The sixth way to approach this measuring rod is the way six space in the role of dimensional stretchers 8-space.
 14. The seventh way to approach this measuring rod is the way six space in the role of dimensional takes up till Brahman domain as ultimate origin source reservoir.
 15. There are many applied values which are worked out with the help of this measuring rod and the prominent amongst them is to work out diving steps along the format of the six synthetic steps of this measuring rod to reach up till the origin source reservoir of transcendental worlds.
 16. It is in the interim of this diving ladder of transcendental domain that the transcendental content may be carried from sky limits to orb of the sun.
 17. It is this technological feat which would be attained by the Sadhkas with completion of the Yajna.
- Note : - Sadhkas shall permit their transcending mind to dive deep through the transcendental domain of hyper-cube 5 through the diving ladder availing the format of Sathapatiya measuring rod.

11

AGE OF LORD BRAHMA

1. Scripture enlightens as that Lord Brahma, creator the supreme, accepts age as of 432000 years, with each year being of 360 days and each day being equal to one revolution time of Earth around the sun.
2. Sadhkas shall on the transcendental night (ShivRatri), remain awake through out the night and to had full glimpse of full sky for full awareness of the range of creations domains.
3. While awake and within full glimpse of the transcendental night sky, one may be face to face with one self as to the transformation of mental format with creator himself going transcendental and multiply ten fold.
4. One shall pay a visit to Shiva temple and have full awareness about transcendental family of Lord Shiva.
5. One shall pose to one self as to the transition and transformations of the setups of the sky with creator himself going transcendental at the boundary of Shiv Lok.
6. One shall permit one's transcending mind to chase this transcendental phenomena of transition and transformation from creator's space to transcendental worlds.

7. One shall go in trans time and again to have full awareness of the transcendental phenomena.

Note : - *The Sadhkas shall share their preparedness for the Yajna. It is this step on their path which may help the undersigned to appreciate the* appreciate their participation.

Best wishes for joining Gyan Yajya commencing since 26-02-2006

12

TO BE CONSCIOUS OF IT

1. Let us be conscious of the transcendental phenomena of the “Transcendental Night (SHIVRATRI)”
2. One may be more intimate with one self by practicing fast.
3. The ‘fast’ shall be affording an opportunity for one’s systems to be in their inherent life sustaining potentialities states.
4. The ‘transcending mind’ shall be more intimately glimpsing these states of one’s systems.
5. This also shall be bringing ‘one’ face to face with ‘one self’.
6. Further, with ‘one’ remaining ‘awake’, for ‘full day and a night’, one shall be ‘resetting the functional systems’.
7. This shall be affording an opportunity to the transcending mind to have unison of the ‘inner and outer worlds’, and in the process, the ‘transcending mind’ shall be chasing it-self, as well along the ‘purusha format’.
8. With it, one shall be attaining unison of ‘one self’ with the ‘sun as self of the Jagat/ universe’.
9. Further, with it, firstly, ‘one’ shall be attaining, a transition and transformation from old shad chakras (six eternal circuits) format of human body to new das chakras (ten eternal circuits) formats of human body and secondly, one shall be attaining a transition and transformation from old mental format of spatial order of Creator’s space to that of new mental format of solid order of Transcendental worlds.
10. Scriptures enlighten us as that, the alternative course for the Sadhkas for attaining these two fold attainments would be to have a discipline of regularly attending daily temple prayers for a year.
11. Let one be ‘conscious’ of it, about the transcendental phenomena of the ‘TRANSCEDENTAL NIGHT’.
12. The ‘TRANSCEDENTAL NIGHT’, full fills the ‘Creator’s domains with ‘transcendental Jyoti’ and one shall avail this ‘transcendental opportunity’ and share the ‘experiences’ with ‘fellow Sadhkas’.

Note. Visit to Shiva temple; study of Sri Shiv Puran, availing the ‘transcendental Sounds’ of Mahamantra ‘OM NAMAY SHIVAY’, and transcending mind ‘to Glimpse’ the seat of transcendental family of Lord Shiva at the inner most core of the transcendental worlds and glimpsing the moments of movements of the skies (in reference to the ‘pole star’ on transcendental night are the privileged transcendental paths.

A TRANSCENDENTAL PHENOMENA

1. 'Transcendental night' is a transcendental phenomena.
2. It is the privileged moments of 'transcendental Jyoti flowing into the Creator's domain'.
3. This is like the 'light full filling the dark domain'.
4. It amounts to 'light riding the dark matter'.
5. It is there because of the transcendental Jyoti flowing into the Creator's space through its transcendental origin.
6. The flow of transcendental Jyoti within the Creator's space is to full fill it with 'solid quantifiers' which get superimposed upon the black 'spatial order' content of Creator's domain.
7. It is this superimposition of the solid order quantifiers of transcendental Jyoti upon the black spatial order content of Creator's domain which is flourishes out the solid order transcendental worlds within Creator's space.
8. It is because of the spatial order of the Creator that simultaneously emerge a pair of hemispheres each of which sustaining a distinct transcendental worlds while both of them also transcendently flourishing out as a unified transcendental world.
9. It is this transcendental feature of the transcendental worlds unifying a pair of them into a unified single transcendental world which happens to be chased as a transcendental phenomena.
10. During the transcendental night, it is this phenomena feature which glaring marks its glimpsing presence as static and dynamic positions of pole star, sun, earth and moon, and distinct pairs of their facets.
11. The dark and white facets of moon, alternatively dark and white facets of earth, unifying process of pole star and alternatively unifying and diversifying systems of sun are the features of this transcendental phenomena of the glimpsing range of human minds because of its setting frame as of pair of hemispheres format within purusha format.
12. It is because of this setting that the transcending mind acquires transcendental features of chasing it self while chasing the transcendental phenomena and there by being of the unity state of consciousness.

Note : -

1. Approach Creator's space as 4-space and transcendental worlds as of the format of hyper-cube 5 as representative regular body of 5-space.
2. Accept 4-space content as 'black matter' and 5-space content as 'light'.
3. Take 4-space content/ black matter as of spatial order and 5-space content / light as of solid order.
4. 'Sun' is of hyper solid -4 mundane order / gods state and 'pole star' is of hyper solid -5/ transcendental order / Unity state.

FLOW OF SOLID QUANTIFIERS WITHIN CREATOR'S DOMAIN

1. When we measure with a line, we avail 'linear quantifiers', and while we measure with 'a plane', we avail 'spatial quantifiers'.
2. Like wise when we measure with 'solid', we avail 'solid quantifiers'.
3. With 3-space being of a linear dimensional order, it shall be needing 'linear measure / quantifier' and 4-space being of spatial dimensional order, it shall be needing 'spatial measure / quantifier'.
4. Like wise 5-space being of a solid dimensional order, it shall be requiring 'solid measure / quantifier'.
5. With 4-space requiring spatial quantifiers and 5-space requiring solid quantifiers, the transcendental range, as such, may be viewed as of transition, transformation and replacement of spatial quantifiers by solid quantifiers.
6. It is this attainment of the transcendental phenomena which deserves to be chase by the transcending mind.
7. This as such also becomes the subject content of the Discipline of Vedic Mathematics, science and technology.
8. With 5-space in the role of origin fold of the manifestation layer with 4-space as domain fold, it amounts to be the features of supply of solid quantifiers in 4-space through its origin.
9. It is this features of transcendental of reality of manifested creation domains which, as such, becomes the 'close of the subject content of the Discipline of Vedic Mathematics, science and technology.
10. The inflow of solid quantifiers within manifested creations domains through the origin would amount to superimpositions of solid quantifiers of transcendental features upon the spatial quantifiers of mundane features of the black matter of the manifested creations domains.
11. Chase of this features of superimposition of solid quantifiers of transcendental features upon the spatial quantifiers of mundane features is to be of the range beginning with the setup of 'di-monad' to the setup of 'tri-monad'.
12. This as such amounts to the chase of the phenomena of transition, transformation and replacement of di-monad by tri-monad.

Note: -

1. Enlist the 'technical terms' and make your dictionary of 'Vedic Mathematics, science and technology'
2. Classify the terms of features of 4-space setup.
3. Classify the terms of features of 5-space setup.
4. Attempt a write up on comparison of the setups of 4-space and 5-space.
5. Chase 4-space as origin of 3-space and as boundary of 5-space.
6. Chase 5-space as origin of 4-space and as boundary of 6-space.

ALONG OLD TO NEW FORMATS

1. First message of the 'transcendental phenomena' is that there happens a transition, transformation and replacement of the 'old format' to 'new format'.
2. The old format of creator's domain as of 'spatial order for the setups of its black matter' transits, transforms and gets replaced by the new format of transcendental worlds as of 'solid order' for the setups of its transcendental content.
3. This change by way of transition, transformation and replacement of old format by new format deserves to be charged the way the domain of creator's space gets full filled with 'solid quantifiers'.
4. This feature of the transcendental phenomena of super imposition of the solid quantifiers upon the spatial quantifiers is there because of the transcendental content getting super imposed upon the black matter.
5. This, this way, makes simultaneous availability of spatial order of black matter as well as of solid order of transcendental content.
6. And, this simultaneous availability of a pair of orders / dimensional contents of a pair of consecutive dimensional spaces (here being 2-space and 3-space being in the roles of dimensional orders), in the context of their availability, may be viewed as is the setup of hyper-cube n wrapped within hyper-cube $(n-1)$ / cube wrapped within spatial boundary.
7. The setup of cube with spatial boundary shall also be leading us to simultaneous availability of linear dimensional order for domain of the cube and spatial dimensional order for the origin of the cube.
8. This way a simultaneous availability of shift from linear order to spatial boundary for domain as well as to the spatial order for the origin, is a unique feature which deserves to be chased for attaining the required transition, transformation and replacement of old spatial order into new solid order by accepting spatial boundary and solid domain in roles of dimensional folds of the respective manifestation layers.
9. This simultaneous working with a pair of manifestation layers is inherently there because of the five fold transcendental range providing transcendental base for the manifestation layers.
10. As such the transcending mind gets transcendence from one manifestation layer to another manifestation layer because of their common transcendental base.
11. Accordingly, the Sadhkas get initiated for this transcendental feature of transcendence on the transcendental night.
12. With it, the Sadhkas attain the requisite transition, transformation and replacements for their old mental formats to new mental formats.

Note: -

1. Parallel to linear order of 3-space, there would be a linear mental format.
2. Parallel to spatial order of 4-space, there would be a spatial mental format.

3. Parallel to solid order of 5-space, there would be a solid mental format.
4. One shall chase the transcending mind for transition, transformation and replacements of linear mental format to spatial mental format.
5. One shall chase the transcending mind for transition, transformation and replacements of spatial mental format to solid mental format.
6. With this initial exposure, hence forth from next week is going to be formally taken up the Discipline of Vedic Mathematics, Science and technology for its different features.
7. With this stage be taken having reached for participation and the manner in which one wants his participation may express so that necessary help may be considered in the form of suggested further reading material, elaborations to the points raised, etc.

16

FIRST VOWEL TO SECOND VOWEL

(AKARA TO EKARA)

1. First step to learn about the ‘knowledge organisation format’ is to know how to transit, transform and reach at from ‘Akara (first vowel) to Ekara (second vowel)’.
2. This as such presupposes the knowledge about ‘Akara’ as well as about ‘Ekara’ being the first and second vowels/letters of the Vedic Alphabet.
3. ‘Vedic Alphabet’ in it self is a big discipline in it-self. It ultimately turns out to be a complete Discipline of whole range of knowledge, as much as that it being the beginning point as well as the end point of the knowledge, with both of them being at the same “ment”, and the whole range in between these end points as well manifests at the same ‘ment’.
4. The chase of the organisation format of knowledge, as such becomes the chase of the organisation format of ‘Alphabet’ it self.
5. This chase, from the point of view of ‘Discipline of Alphabet’ begins with the manifestation of its ‘first letter’ and the first step ahead is to have a reach at its ‘second letter’. These are designated as ‘first and second vowels respectively’.
6. Parallel to it, the first lesson for ‘knowledge organisation format’ comes to the range ‘first vowel to second vowel’ inclusive of the manifestations of the first pair of vowels as well as the gap-range in between them.
7. ‘Vedagans / six ancillary Disciplines of Vedic knowledge organisation’ and ‘Shad darshan / six systems of glimpsing of Vedic knowledge systems’ help chase the gap-range between the pair of end points at the same ‘ment’ and this ‘help’ is to be availed for the chase of the gap-range between the first pair of vowels.
8. Each of the Vedagan (ancillary Discipline) as well as each of the Darshan (glimpsing Discipline) help chase the gape range between the first pair of vowels as a pair of end points of the range, in its own characteristic way.
9. The features of the characteristic way of chase of the gap-range (of the pair of vowels as a pair of points of the range) of each Vedagan (ancillary Discipline) and Darshan Shastra

(glimpsing systems) emerge to be the features of the organisation format of the knowledge along the 'gap-range' of pair of vowels as pair of end points of a manifested range of creation.

10. Illustratively 'vaisheshik Darshan' which while covers be range from 'anu / macro state' to 'parmanu / micro state', it chases it as a range from 'mundane / manifested state of black matter of creator's space / 4-space domain' to 'Transcendental state of the transcendental content of transcendental worlds /5-space'. With it, '4-space and 5-space' manifest as the pair of end points as pair of 'vowels'. The chase processing feature at work would be to begin with 4-space as domain fold and to reach at the 'solid dimensional order' of transcendental worlds, that is, 3-space being in the role of dimension of 5-space. As such while chasing domain to domain, that is, 4-space as domain to 5-space as domain, the processing is of sequential increasing order which shall be taking from 4-space to 5-space, and on the other hand while chasing domain to dimension, that is, from 4-space to 3-space (as dimension of 5-space), the processing chase would be of sequential decreasing order.
11. Like wise the glimpsing chase of the gap-range in between the first pair of vowels as a pair of end points shall be approaching it as a gap-range between a pair of consecutive artifices, which to begin with is to be a pair (1,2) as end points of the range and the gar-range in between being as between 1 and 2. Here the fixation of this pair of end points would be there as is the working rule of the first Ganita Sutra: 'Eka-Adhi-Kena purvena / one more than before'. And, the gap-range between this pair of end points is to be full filled as the range of as the following range of Ganita Sutras (and Upsutras).
12. As such, as the knowledge organisation format and the Vedic Alphabet format are to unfold simultaneously as well as parallel to each other progressing as complementary and supplementary to each other, it may be of great help if one gets exposure to the setup of the Dev-Nagri alphabet and the script forms of its letters, their comparative tables for the alphabet letters of one's mother tongue.

Note: -

1. Please share your 'comparative tables of alphabets'.
2. Please tabulate first pair of letters of different languages known to you.
3. Attempt how to transit from first letter to the second letter
4. Attempt how to transit from 4-space as first letter to 5-space as second letter
5. Attempt how to transit from '4' first letter to '5' as second letter
6. Attempt how to transit from '0' first letter to '1' as second letter
7. Attempt how to transit from '1' first letter to '2' as second letter
8. Attempt how to transit from '0 to 1' first letter to '1 to 2' as second letter
9. Sit comfortably and permit your transcending mind to transcend though the gap in between the pair of end points / first pair of vowels / between 4-space and 5-space / between 4-space as domain and 3-space as dimension / between macro state of molecule and micro state of the atom / between waking state of consciousness and sleeping state of consciousness.

PERMIT THE MIND TO TRANSCEND EETHROUGH GAP-RANGE

1. For chase of the gap-range between the first and the second vowel as being parallel to the knowledge organisation format range, one shall learn to permit the mind to transcend through this 'gap-range' in between the pair of vowels.
2. One shall sit comfortably and to permit the mind to transcend through the gap in between the pair of manifested creations as these vowels / letters are placed adjacent to each other positioned as the pair of end points of mundane-expressions of creations-domain.
3. The gap in between the pair of adjacent mundane expressions of creations-domain is full filled by the transcendental domain as the creator's space avails the transcendental base for its manifested creations.
4. The phenomena of transcendence through the gap range in between the pair of adjacent manifested creations, as such is to re-live the transcendental in between the pair of mundane end point.
5. As initial exposure feature, it be taken as that the transcendental is lively in between the pair of mundane end points.
6. Taking mundane end points as a pair of manifested creations (domains) and the transcendental as the transcendental field, this emerges to be a range of hyper-cube-5 in between the pair of hyper-cubes 4.
7. As a next phase and stage of exposure about this gap-range to be transcended through by the transcending mind, the same be taken as a transcendental domain of hyper-cube 5 wrapped within manifested boundary constituted by ten hyper-cubes 4.
8. This, in fact would be a take off stage from the start with position of first vowel as first manifested end point, and the transcending mind having reached within the 'gap-range', and in the process, the manifested end points attaining the transition and transformation of there roles from the original state of being manifested domains (4-space as domain) to the new role of manifested boundary of transcendental worlds, that is, 4-space being in the role of boundary of 5-space.
9. This phase and stage of transcendence shall be taking from 4-space as domain (as end point) to 5-space as gap-range domain.
10. The other way to view it would be as a take off from the setup of hyper-cube-4 to the setup off hyper-cube 5.
11. Still other way to look at it would be as a transition and transformation of the start with spatial order into the solid order.
12. Still other way to look at it would be to have a take off for the solid boundary for its new role as a solid dimensional order of the transcendental worlds.
13. The next phase and stage of the initial exposure for transcendence through gap-range would be the phase and stage when the transuding mind shall be transcending through the origin knot of the solid dimensional order of the transcendental worlds and shall be entering the creator's space standing released with melting of the seal / knot of the origin of the solid dimensional order of transcendental worlds.

14. Beginning with creator's space (as first vowel as manifested domain) and again while transcendence through the 'gap-range' in between, reaching again the creator's space, is a unique transcendental feature, which deserves to be comprehended well as in terms of its comprehension only it may be possible to have unison of attainments at intellectual and experiential platforms.
15. This as such, bringing the transcending mind face to face with the inner folds of the transcendental worlds and the way the transcending mind shall be glimpsing the inner most core of the transcendental worlds as sit of the transcendental lord (Lord Shiv) and of the transcendental family of the transcendental lord at origin of the creator's space released from the origin knot of the solid order of the transcendental worlds.

Note: -

1. As a first step to permit the mind to have exposure of the first vowel as first manifested end point as manifested creation of 4-space.
2. As a second step permit the mind to have exposure of take off from the first vowel and to be within the gap-range as transcendental field (5-space).
3. The gap-range as transcendental field be given exposure as solid dimensional domain (3-space in the role of dimension of 5-space).
4. The origin of 3-space be given exposure as 4-space in sealed state.
5. As a third step, permit the mind to have transcendence through the origin of 3-space (here in the role of dimension of 5-space).
6. The seal of origin of 3-space melts during transcendence and with it, initially is released 4-space.
7. 5-space being the origin of 4-space, as such here is located the seat of lord of transcendental worlds (Lord Shiv) and also of the transcendental family.
8. Transcending mind glimpses the seat of lord of transcendental worlds while transcending through the 'gap-range' in between the pair of manifested end points.
9. One shall permit one's mind to transcend through this 'gap-range' and to glimpse the transcendental core of the transcendental worlds.

18

APPROACHING SOLID DIMENSIONAL ORDER

1. Learning to transcend through the gap-range would mean knowing that the gap-range between a pair of manifested domains is to be approached as of a solid dimensional order.
2. It is like the pair of manifested points being of spatial format and the connected through a solid line.
3. Solid dimensional order is there being 3-space / solids / cubes being in the role of dimensions (dimension fold).
4. This, as such, would amount as that the transcendence range is to begin with a surface of a cube and same to be through the solid domain of the cube reaching up till the surface at the other end of solid domain.

5. As but for the origin, all other points of the solid domain being of identical setups of linear order (1-space in the role of dimension), as such the transcendence through the domain other than the origin is to be just being a chase of linear dimensional order. How-ever, as for as, the origin is concerned, the same is a seat of spatial order creator's space (4-space).
6. While within a manifested domain of solids, its pair of dimensions work out a pair of states for it, of which the first being that of as sealed origin where the second dimension of the spatial order goes dormant.
7. The sealed origin because of the second dimension of its spatial order being dormant, the same as such acquires features parallel to the linear order like that of all other points of the manifested domain of solids / cube.
8. Because of the sealed origin also being of identical features like that of any other point of the solid domain / cube, the same emerges to be one another point of the solid domain / cube and transcendence through it is to be of identical features as the same is to be through any other point of the solid domain / cube.
9. How-ever, as for as, the second state of the origin is concerned, while its both dimensions are lively, the transcending mind enters the creator's space and with it the transcendence continues up till the transcendental seat at the origin of the creator's space. Here, the transcending mind gets confronted again with the solid dimensional order.
10. It is this transcendental feature of the transcendence process which deserves to be lived and relived again and again to be in the transcendental state, the transcendental way.
11. This, way shall be taken as settling the format, frame and form for the manifested domain of the first vowel as of a cube as representative regular body of 3-space being of creator's space at its base, and the same being of a pair of states, firstly as the sealed origin and secondly as a released transcendence path through creator's space.
12. The manifested depiction of this format, form and frame of the first vowel / letter of Vedic alphabet, as such, emerges to be as a cube placed upon a for legged table.

NOTE: -

1. One may take it as a transcendence exercise taking the format, form and frame of the first vowel as a manifested domain depicted as a setup of a "cube placed on four legged table".
2. With a take off from a surface of the cube, the transcending mind is to enter the solid domain and to reach the center / origin of the cube as a seat of creator's space.
3. With a transcendence from solid domain of cube to the hyper solid domain of creator's space, the transcendence is to continue further through the creator's domain and is to reach up till its origin as a seat of transcendental worlds.
4. one shall continue transcending further taking as that the transcendence from creator's space to the transcendental worlds being a step of transition, transformation and replacement of spatial dimensional order by solid dimensional order.
5. One shall chase and experience this feature of transcendence as transition, transformation and replacements of the roles of 3-space / solid domain / cube firstly to that of the boundary fold of the creator's space and then to that of the solid dimension order of transcendental worlds.

6. One shall further chase and experience of repeated phases of the same feature of the transcendence phenomena which originally having initiated as 3-space in the role of domain for being through transitions to boundary fold and dimension fold as a first phase, and then the same stages of transcendence through transitions of roles for 3-space to go repeated but with a difference as that while in the initial phase the start was with the role of 3-space as manifested domain while here in the second phase the start is going to be with role of 3-space as dimension.
7. Share the experiential bliss of recycling feature of transcendental worlds with fellow Sadhkas.

19

LESSON 4 'GHAN' / BODY-CUBE

1. 'Ghan' means 'Body' / 'Cube' / 'Body-cube'.
2. One way to approach human body is to begin with it as a 'body cube'.
3. This approach begins with the 'body' as a setup of a physical matter and sequentially takes to the SELF / BEING / SOUL.
4. This as such becomes the approach of human body as a manifestation layer of four fold geometric format (3 space as dimension fold, 4 space as boundary fold, 5 space as domain fold and 6 space as origin fold).
5. With cube and hyper-cubes 4,5,6 as representative regular bodies of 3 space, 4 space, 5space and 6 space respectively, such the formats of these bodies may be availed to approach the existence phenomena of 'human body' and also of 'existence phenomena within human body'.
6. The beginning here, as such, is to be with the first fold, which being of 3 space in the role of dimension / cube in the role of dimension, therefore, there would be a pair of situations, first of which being as the origin of the cube being in a sealed state.
7. This sealed state of cube makes it a mundane / Jad setup.
8. The second state is while the origin is free of its seal within the cube domain. It is designated as of 'transcendental / Sachetan' state.
9. During the transcendental / Sachetan state, mind transcends through the mundane state and sequentially enters and transcends through the transcendental worlds.
10. One shall permit the mind to transcend through the transcendental worlds to glimpse its inner folds and also to glimpse its inner most fold as the transcendental core.

20

MUNDANE' AND 'SACHETEN /TRANSCENDENTAL'

1. One shall evaluate one self with the help of one's comprehension of 'Jad / mundane' and 'Sacheten /transcendental'

2. One shall express one self of one's comprehension of 'Jad / Mundane' with specific focus upon domain of cube / volume of cube / content lump of cube / space within the spatial boundary of a cube / freedom of motion of point / line / plane / solids within the domain of cube.
3. One shall approach origin of 3-space as the center of the cube and reach at it as any other point of the domain of the cube.
4. One shall again approach the origin of 3-space as the center of the cube as a point of distinct features than that of any other point of the cube.
5. One shall approach the origin as sealed within the domain of the cube.
6. One shall again approach the origin of the cube as 'released space' as creator's space.
7. One shall permit one's mind to transcend through the origin of the cube and to glimpse the 'spatial order of 4-space'.
8. With transcendence from the linear order of the domain of the cube, mind shall be entering the spatial order of creator's space /4-space, and with it shall be acquiring a degree of freedom because of availability of one additional dimension, the mind shall be accordingly acquiring additional dimension for its intelligence field because of which its new processing systems shall be having alternative choices and self interactive decision making powers.
9. It is this new potentiality of the mind to handle alternative choices by availing self interactive decision making powers, which may be taken as an additional faculty of mind which option was no more there in old state of mind during processing of the linear order domain of the cube.
10. The old mental faculty of mind during processing of the linear order domain of the cube is designated as Jad / Mundane state processing faculty and on the other hand, the new mental faculty of mind during processing of the spatial order domain of hyper-cube 4 is designated as Sachetan / transcendental state processing faculty.
11. The Sachetan / transcendental state processing faculty shall be leading to the transcendental origin of the creator's space and with it the transcending mind would really go transcendental and would be in a state to transcend further and glimpse further by availing the artifices of Vedic Sounds.
12. The Vedic Sounds shall be riding the ativahikas / transcendental carriers within rays of the sun and with it the transcending mind shall be glimpsing being carried to the unity state and to the Brahman domain by its self referral automation systems.

21

ALPHABET: "POSERS"

1. Each one of us has some idea of the features of "knowledge, language and alphabet".
2. The aspect being taken up here is "the alphabet format of the language which is to cover the whole range of knowledge".
3. The model of it before us is of the Vedic knowledge, language and alphabet format of it.

4. One shall pose to one self as that how one is to reach at the alphabet of the language which is to cover the whole range of knowledge.
5. One shall be having the real feel of the poser if one really starts taking up the exercise independent of the existing models.
6. Even the first step towards it would be a bold decision as “end” of the exercise would silently be settled with the settlement of the “starting step”.
7. One may have feel of it by revisiting the very first letter of the alphabet of the language one knows.
8. One may visit the “first” letter of the Vedic alphabet and have a better “feel” of it.
9. One may attempt knowing about the “first letter of Vedic alphabet” and would end up with the whole range of the alphabet format unfolding sequentially from first letter to the second letter.
10. This exercise shall be bringing us face to face with not only the format of the first letter but also with the whole of the alphabet format, as well as with the whole range of knowledge of Vedic order as the whole organisation is availing the format of Creator’s space (real four-space of spatial order).
11. Firstly, independent of Vedic model, attempt is to be made to reach at the setup of creator’s space, and then, one may approach the Vedic knowledge to have a feel of the ancient wisdom.
12. Here, at this phase and stage of “feel of the ancient wisdom about creator’s space”, one may pose to one self as to how far the Vedic traditions claiming as that all languages derive their alphabet formats as adoptions of the features of Vedic alphabet format.
13. The Vedic traditions claim as that the Sanskrit language of Devnagri script avails the maximum features of Vedic alphabet format.
14. As such the first language which deserves to be chased is SANSKRIT itself.
15. Far it, naturally, first of all glimpse is to be had of the “Brahman domain” of its enlightenment being “Nav-Braham”.
16. To glimpse “Braham” as “Nav-Braham” means to have maximum of IT within the glimpsing range.
17. The suffix “Nav” before “Braham” has two distinct sets of meanings, firstly being “nine” and secondly being “New”.
18. “Nav/nine” is the largest numeral of “ten place value system of numbers”. And, ten place value system is the natural choice of Vedic systems as it is of the format of boundary of transcendental worlds supplied by the creator’s space as, many as ten hyper-cubes 4 together synthesise the boundary of transcendental worlds. Moreover, hyper-cube 4 accepts precisely 9 versions and supply formats for the 9 numerals of ten place value system.
19. “Nav/new”, is the feature which from either end of 9 numerals range takes to 5 as the common middle; it is this reach to the transcendental worlds (5-space), being the “new” / transcendental creations space.
20. With it, the poser with which one shall confront one self to have insight about the features of the Vedic alphabet format, would be as to how the same alphabet is to be availed to

workout within different dimensional spaces, like creator's space (4-space), transcendental creator's space (5-space) and so on.

Note: -One may download Devnagri (Sanskrit) alphabet and have a first glance of it to have first feel of its format.

22

“TO STRUCTURE THE VOID”

1. The unmanifest / void is to be manifested / structured.
2. There always remains a gap / void between a pair of consecutive “manifestations / manifested domains / bodes”.
3. The void / unmanifested gap / zone in between the pair of manifested domains / creations (4-space), there is a void which can be structured as a transcendental creation (5-space).
4. The Vedic model is that as the transcendental worlds are enveloped within manifested boundary synthesised by ten hyper-cubes 4 and as such it requires $10*5=50$ coordinates for its fixation with origin of the transcendental frame of solid dimensions.
5. This way the pair of manifested end points together with fifty coordinates required by the void gap make out the range as being of “fifty-two” creations and transcendental creations which are to be availed as the constituents of “the alphabet format”.
6. The formats for the pair of manifested creations are supplied by the sole syllable “OM” and the ultimate orb “PARNAVA”.
7. The “in between fifty transcendental coordinates” supply the formats for the “fifty letters of the alphabet” to be availed for the transcendental bridging of the void gap between the pair of manifested domains.
8. First feature of the organisation format of these fifty letters of the alphabet is that it accepts structural format for it as the arrangement of $9+25+16=50$. The artifices (9,25,16) is a triple (3,5,4) such that $3*3+4*4=5*5$.
9. The solid order of the transcendental setup for the “void”, with cube as representative regular body of 3-space, shall be having a “triangle” as it's a spatial print out, and as such the above feature / arrangement corresponds with the spatial print out feature.
10. The first artifice “9” as a range “1to9” accepts “5” at its middle which can be approached in equal steps from either side of this range.
11. The artifice “25” accepts arrangement as $5*5$ as of a spatial follow format.
12. This, as such is a sequential step ahead of the “linear format” acceptable to the range “1to9” with “5” at its middle.
13. The “ $5*5$ ” setup within a plane is of the order of $5*5$ grid.
14. This $5*5$ grid shall be working out $4*4=16$ grid zones.
15. The grid $5*5$, as such is linear framing of $4*4$ grid zones.
16. As such, a shift from $5*5$ grid framing to $4*4$ grid zoning is a sequential step ahead which takes to the “spatial domains”.

17. This way, this sequential progression is of steps of “9 points settings along a line”, “25=5*5 linear frame of grid zones” and “16 grid zones / plane”.
18. The grid centers of 4*4 grid zones shall be working out another grid of order 4*4 within the original grid of order 5*5.
19. This way, this feature of this arrangement of this setup, takes us to the “grid being superimposed upon another grid”.
20. It is this feature which provides a take off from the spatial setup to solid setup and with it emerges an attainment for ascendance from spatial order to solid order, as well as for transcendence from solid order to the spatial order through the “solid domain”.
21. In fact this arrangement works out the transcendence as well as the ascendance from “point / 0-space” to “solid domain / 3-space” as of sequential progression steps through the range “0-space, 1-space, 2-space and 3-space”.
22. The range “0-space, 1-space, 2-space and 3-space” is a four fold manifestation range with a transcendental feature of “creator’s space / 4-space” playing the role of “origin” of 3-space and there by the four fold range transforms into five fold range.
23. It is this transcendental feature which transforms the four fold manifestation range into five fold transcendental range which deserves to be chased for its comprehension at intellectual as well as at experiential level.
24. One shall sit comfortably and go in “trans” and permit the mind to transcend through the “void gap”.
25. One shall chase the way transcending mind transcends through the “void” and glimpses its “transcendental core” and ascends full filled. With the “ambrosia of bliss of the transcendental worlds of solid order”.

Note: -

One shall attempt a solid grid availing superimpositions of grids One may initially have 2*2*2 solid grid as a setup of 3 grids of 2*2 order and count the total points, edges, surfaces required for 8 solid zones.

23

“INVOKING THE ULTIMATE”

1. The basic feature of the ‘alphabet’ being to have the ‘beginning as well as the end’ at the same ‘ment’, as such the ‘ultimate / Braham’ is to be invoked.
2. The ultimate to be invoked is as the transcending mind glimpses the ‘Braham’ as ‘Nav Braham’.
3. Vedic systems accepts a pair of ‘Nistha / established processing processes’, namely ‘Sankhiya Nistha’ and ‘Yoga Nistha’, and these run parallel to each other, as well as, these being complementary and supplementary of each other.
4. The sankhiya Nistha on its ultimate analysis avails the artifices of numbers while the yoga Nistha on its ultimate analysis avails the dimensional formats.

5. The sankhiya Nistha presumes the existence of dimensional formats parallel to corresponding artifices of numbers and the yoga Nistha presumes the existence of artifices of numbers parallel to corresponding dimensional formats.
6. With this, both the processing systems attain the same ‘fruit’ as end result, of ‘glimpsing the ultimate Braham as Nav Braham along artifice ‘9’ and parallel to it, along ‘9-space’.
7. The parallel sequential progressions of artifices 1to9 and 1-space to 9-space, as such are there to be availed for nine letters of the alphabet.
8. These nine letters are designated ‘*swaras / vowels*’.
9. These are designated as ‘*swaras*’ as *self* sustained domains parallel to the self sustained domains of artifices 1to 9 and 1to9 dimensional spaces.
10. Vedic systems comprehend full range dimensional spaces as being of features of their respective representative regular bodies.
11. As such, ‘interval, square, Cube and hyper-cubes 4 to 9’ emerge as a functional format range.
12. This functional format range becomes the ‘the range of nine vowels / first nine letters of the alphabet’.
13. Along range of artifices of numbers ‘1 to 9, and parallel to it, along the range of ‘1 to 9’ dimensional spaces’, there is a sequential progression order of the working rule of Ganita Sutra -1 “*ekaadhikena purvena / one more then before*”.
14. Amongst many distinguishing features of artifice ‘9’, the following two features deserve focused attention: (I) $9+9=18$ and (II) $9*9=81$. This pair of artifices, namely, (18,81) constitutes a reflection pair of artifices, as that the pair of digits of this numbers namely 1,8 replace there placement positions in number 18 and 81. Further as that these some up as 99, which is the largest double digit number of ten place value system.
15. Accordingly, would be the features and potentialities of the range of vowels.
16. The following organisation arrangements in terms of the features of artifice 9 in reference to artifice 8 also deserve to be comprehend well as to have appreciation of distinguishing features of 8-space and 9-space: (I) $9=3^2$ and (II) $8=2^3$. The reversal of ‘base and index’ placements while on the one hand coordinates these artifices as a ‘vertical reflection pair’, the same on other hand also makes them the consecutive pair of artifices. It shall be helping us appreciate the asht prakriti / eight fold nature and Nav Braham / nine fold ultimate domain being of apposite processing orientations.

Note: -

1. One may download the information from the website about 1-space to 9-space.
2. One may also download special symbols for hyper-cubes.
3. One may attempt write ups upon hyper-cubes 4, 5, 6.
4. One may also attempt write ups upon the setups of real 1-space to 9-space of Vedic comprehensions.

1. There are twenty-five sankhiya elements.
2. There are five basic elements, designated as *panch mahabhut*, namely, earth, water, fire, air and space. Also there are five senses, namely, touch, smell, hearing, seeing and test. This to gather create a 5 * 5 grid for the existence phenomena.
3. This 5*5 grid of elements- senses is one applied value of 25 sankhiya elements.
4. The general applied values format of twenty-five sankhiya elements is 5*5 grid manifesting 5*5 *varga* consonants / twenty-five letters of square formats.
5. The format of these twenty-five *varga* consonants is of five rows and five columns and each of five rows is a row of squares.
6. This setup is a set of specific features of 2*2 framed grid. It has 2*2=4 square grids zones superimposed upon the base square 2*2. This set of 4 square grids zones together with the base square makes a set of five squares as a *varga* consonants row of which the fifth consonant constitutes a distinct class. Further, as each of the four square grids again shall be playing the role of base square accepting superimposition of four square grids zones, so there by would emerge four more rows of *varga* consonants and there by there being in all a set of five *varga* consonants rows together constituting a format for all the twenty-five *varga* consonants.
7. The spatial format of twenty-five *varga* consonants, as a spatial order avails the feature $2/1 * 1/2 = 1 * 1 = 1$. This feature permits sequential progression along one axis being 1,2 while along second axis being 1,1/2.
8. The sequential progression along first axis to accept the working rule of “*Ganita Sutra-1* (one more then before)” and along second axis to accept the working rule of “*Ganita UpSutra-1* (proportionately)”.
9. As $2 = 1 + 1$, and also as $2 = 1 * 2$, as such the sequential progressions may be approached by the working rule of “*Ganita UpSutra-1* (proportionately)”.
10. The structuring of ‘affine’ into “sequential progressions formats”, is to have transition and transformation for uniform values along grid format into the sequential values. This transition and transformation attains a shift from a square format to a cube format, as is evident from the following illustrative setups:

1 1 1	1 2 3
1 1 1	2 3 4
1 1 1	3 4 5
$= 9 = 3^2$	$= 27 = 3^3$
1 1 1 1	1 2 3 4
1 1 1 1	2 3 4 5
1 1 1 1	3 4 5 6

1 1 1 1	4 5 6 7
= 16 = 4 ²	=64= 4 ³
1 1 1 1 1	1 2 3 4 5
1 1 1 1 1	2 3 4 5 5
1 1 1 1 1	3 4 5 6 7
1 1 1 1 1	4 5 6 7 8
1 1 1 1 1	5 6 7 8 9
= 25 = 5 ²	=125= 5 ³

- 11.** The spatial order supplies a pair of coordinates for points within a plane. With this, the single digit expressions for numerals along a line as linear order, gets transforms here in a plane as double digits expressions. Accordingly, the twenty-five *varga* consonants shall be accepting artifices as under:

11 12 13 14 15	50+15
21 22 23 24 25	100+15
31 32 33 34 35	150+15
41 42 43 44 45	200+15
51 52 53 54 55	250+15
Total 825+25(of affine format)	

- 12.** The affine format value (25) together with the sequential progression (125) along with the double digits value together with the affine format value (850) makes the total value as 1000=10³.
- 13.** The split-up of artifice 1000 as 25+125+850 it's a very power full arrangement for sequentially availing affine spatial order for creator's space to work out the manifestation of creations at the boundary of transcendental worlds of solid order.
- 14.** One shall expose one self to the format of hyper-cube 5 as a format of transcendental creations working out by ten creators' creations as transcendental packages.

Note: -

1. One shall attempt a write up on "hyper-cube 5".
2. One shall also attempt a write up on "transcendental worlds".
3. One shall further attempt a write up on the setup of hyper-cube 5 as a package of 8*10+5 cubes.

4. One shall also attempt a write up on the transcendental creations as by 10 creators' creations.

25

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50. One shall chase the way transcending mind transcends through the “void” and glimpses its “transcendental core” and ascends full filled. With the “ambrosia of bliss of the transcendental worlds of solid order”.

Note: -

One shall attempt a solid grid availing superimpositions of grids One may initially have 2*2*2 solid grid as a setup of 3grids of 2*2 order and count the total points, edges, surfaces required for 8 solid zones.

26

THIS PHASE OF FIRST QUARTER

1. Today we enter the last week of the first half phase of the first quarter of the first year of the Gyan Yazana.
2. We may avail this opinion as an opportunities to readdress to ourselves as to our up till these stage steps of the Yazana.
3. The phase of up till this stage is essential of the nature of exposing ourselves as to the Way Reality of our existence Phenomena, is to be approached the way it is created within the creator’s space.
4. One way to look at it is as the urge to know the way “cube” or, the “sphere“, as representative regular bodies of three space/”Triloki” or Structured along the manifestation format of “creator’s space”.
5. Let us revisit the setup of cube.

6. Let us approach this setup of the cube in reference to the dimensional frame of three linear axes with origin superimposed upon the center of the cube.
7. This as, the first step, the beginning is to be head ahead, as step two off approaching the setup of the cube in terms of four internal diagonals of the cube.
8. This transition from three axes approach to four diagonals approach to the setup of the cube is the beginning of having insight of the features of the manifestations format of the creator's space.
9. From the formal school education point of view it may be taken that up till middle school level, expectations from the students is to be that they have comprehension of the setup of the cube in reference to the dimensional frame of three linear axes.
10. As such "Cube format" may be taken as the key phrase for the curriculum for middle school level education.
11. Then in a sequence, the next for years schooling is to be respectively along the formats of hyper cubes 4,5,6 and 7.
12. Therefore the focus of six weeks of second half of first quarter of first year of Gyan Yazana, as such, is to be, to have initial exposure of this four hyper cubes formats, viz, the hyper cube 4 format of school education at its ninth standard and so on.
13. Here in the following five lessons of these week, lesson 2 to 5 are going to be devoted for focused attention upon the formats of hyper cube 4,5,6 and 7 respectively.
14. While, the last lesson of these week is reserved for having re-evaluation of what has been our insight of the Gyan Yazana being undertaken.*

27

TRILOKI AND CREATOR'S SPACE

1. First week of the second phase of first quarter is to be devoted to "Triloki and creator's space."
2. First feature of this phase is going to concentrate upon the transition from the setup of "Cube" to that of "Hyper Cube 4."
3. The second feature of this phase would be to concentrate upon the manifestation format supplied by 4 space.
4. Third feature would be to have phase of Cube and Hyper Cubes along this four fold manifestation format of 4 space.
5. Fourth feature would be to focus upon the measuring rod of 4 space and the measure of this measuring rod.
6. Fifth feature going to be focused is as that 4 space is the creator's space presided by Lord Brahma, Creator, the Supreme.
7. It would be good exercise to tabulate as much information as one can consolidate from different studies and scriptures about the creator's space.
8. One may avail this opportunities to concentrate oneself and try to have an insight about different feature of creator's space.

- _9. One may have some help from the Vedic Mathematics books of the author, particularly from the set of five books titled; 1. The teaching of Vedic Mathematics, 2. Learning of Vedic Mathematics on first principle, 3. Vedic Mathematics basics, 4. Vedic Mathematics skills and 5. Vedic Geometry course (These books are published by Lotus Press, 4263/3, Ansari Road, Darya Ganj, New Delhi-110002, Ph: 30903912, 23290047, Email: lotus_press@sify.com)
10. Under the Vedic Mathematics, Science and Technology knowledge arrangement, the reality is to be sequentially chased upon formats of Cube and Hyper Cubes.
 11. Accordingly, the teaching and learning as well is to sequentially avail the formats of Cube and Hyper Cubes.
 12. The format of Cube is to be avail for teaching up till middle school level.
 13. The formats of Hyper Cubes 4,5,6, and 7 are to be respectively avail for teaching and learning at 9th, 10th, 11th and 12th class level.
 14. As such the first week of the second phase shall be covering the transition from Cube format to Hyper Cube 4 format. *

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TRANSCENDENTAL WORLDS WITHIN CREATOR'S SPACE

1. The second week of the second phase of first quarter is going to concentrate upon the phenomena of emergence of Transcendental worlds within creator's space.
2. In other words, it is phenomena of emergence of 5 space feature within creator's space (4 space).
3. Still in other words, it is phenomena of spatial order creator's space (4 space) being fulfilled with solid order to be supplied by the Transcendental worlds (5 space).
4. This phenomena of emergence of Transcendental worlds within creator's space deserves to be chased with full attention as only with its comprehension, one may be in a position to understand the Vedic way of organizing the knowledge.
5. Further, it is with comprehension and insight of this phenomena, one shall be understanding the way "Intelligence field" is created by the Transcending mind by transcending throw the format of cube and attaining the Hyper Cube 4 format of creator's space.
6. Still further, it is with comprehension and insight of this phenomena, one shall be glimpsing the emergence of consciousness field within the intelligence field within creator's space.
7. As such the phenomena of emergence of consciousness field within intelligence field is to be taken as parallel to phenomena of emergence of Transcendental worlds within creator's space.
8. The Transcendental worlds are of format of Hyper Cube 5 which is a representative regular body of 5 space which is of a solid dimensional order.
9. This phenomena deserve to be chased as transition from format of Hyper Cube 4 to the format of Hyper Cube 5.
10. Further, it may be chased as a transition from artifices 4 to artifices 5.
11. Still further it may be chased as a transition from quadrilateral to pentagon.

12. The book Vedic Geometry course, may be of initial help to have initial exposure to this phenomena.
13. In fact, the second quarter of first year of Gyan Yazana is going to be devoted to the chase of Transcendental worlds along Hyper Cube 5 format.
14. For advance students, simultaneously from 12-5-2006, a specific advance level course of chase of Transcendental worlds along Hyper Cube 5 as well is under consideration and the interested scholar may submit there willingness with the author. *

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SUN AND CREATOR'S SPACE

1. The third week of second phase is going to be devoted for initial exposure to the Reality of Sun as source of existence phenomena on earth vis a vis the creator's space.
2. In other words, here opportunities would be avail for chase of the Reality of sun as 6 space vis a vis 4 space as creator's space.
3. Vedic Mathematics Science and Technology approaches this reality in terms of 6 space measuring rod accepting 4 space as measure.
4. The third quarter of the first year of the Yazana is going to be avail for further insight of this reality.
5. The focused here would be upon the format of Hyper Cube 6 as representative regular body of 6 space.
6. One may have smooth transition from the setup of Hyper Cube 5 to the setup of Hyper Cube 6.
7. It may be relevant to mention here itself as that the presiding deities of 4,5,6, namely, Brahma, Shiv and Vishnu, together are designated as *TRIMURTHI*.
8. The message is that 4,5 and 6 spaces are to be chased together as features of formats of Hyper Cube 4,5 and 6 are to be availed simultaneously for the chase of Reality of existence of Phenomena.
9. The transition from *TRILOKI* (1,2,3 space) to *TRIMURTHI* (4,5,6 space) is a big attainment step, from which take off is to be had for the *POLESTAR* (7 space), a source reservoir of features of unity state of the existence phenomena.
10. As such, 5 steps long range (3 space, 4 space, 5 space, 6 space, 7 space)/(3,4,5,6,7) need be chased for attaining unity state of reality of existence. *

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PREPARATION FOR THE SECOND PHASE OF THIS QUARTER

1. The fifth and sixth weeks of the second phase of the first quarter are to be devoted for perfection of one's comprehension and insight of the unity state of reality of our existence phenomena, so that one can have smooth transition from first quarter of first year of Yazana

having focus upon the format Hyper Cube 4 as representative regular body of 4 space (Creator's space) to the second quarter of first year of the Yazana having focus upon the format of Hyper Cube 5, the representative of regular body of 5 space (Transcendental worlds).

2. As such, here is the moment to go for the preparation for the second phase of the current first quarter of this year of Yazana. One shall revisit the exposure one has been all this six weeks and meditate and experience the bliss of this experience and also to cherish the ambrosia of bliss which is to continue to flow the second phase of this quarter over coming six weeks. *

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TRILOKI AND CREATOR'S SPACE

1. Here we enter the second phase of first quarter of this year Yajana and here we focused upon "Triloki and Creator's space."
2. Our space of existence is designated as Triloki.
3. "Triloki" may formally be accepted as "3 space" and Creator's Space to be accepted as "4 space."
4. Further "Cube" is taken as the representative regular body of 3 space and Hyper Cube 4 is taken as the representative regular body of 4 space.
5. "Cube" is setup within whose domain, "Interval, Square as well as Cube" as representative regular bodies of 1,2,3 spaces would be available.
6. Like wise "Hyper Cube 4" is the setup whose domain, "Interval, Square, Cube and Hyper Cube 4" as representative regular bodies of 1,2,3,4 spaces would be available.
7. Therefore "Cube" and "Hyper Cube 4" as simultaneously available within Hyper Cube 4/4 space deserve to be chased as manifestation along the common manifestation format supplied by 4 space itself.
8. This manifestation format is of 4 folds respectively playing the roles of dimensions, boundaries, domains and origins.
9. Let us revisit the setup of "Cube" and we shall be noticing as that a 1 space is playing the role of linear dimension, while 2 space is playing the role of spatial boundary. Further, 3 space is playing the role of domain of 3 space and 4 space is playing the role of domain. With this, these 4 folds, namely (1 space as dimension, 2 space as boundary, 3 space as domain and 4 space as origin) together synthesize "Cube" as 4 fold manifestation layer within a creator's space.
10. Hyper Cube 4 itself is a 4 fold manifestation layer with 2 space in the role of spatial dimension. Its second fold is a solid boundary because of 3 space in the role of boundary. Further 4 space itself is in the role of third fold as domain of Hyper Cube 4, while fourth fold role is being played by 5 space which otherwise is available at base of creator's space.
11. The 4 fold manifestation format provided by creator's space, in its generality, being (N space, N+1 space, N+2 space, N+3 space)/(N,N+1,N+2,N+3) for all values of N shall be

supplying whole range of manifestation layers of which Cube is the first manifestation layer.

12. The transition from “Cube” to “Hyper Cube 4”, as such is going to be the transition from “first manifestation layer (1,2,3,4)” to “second manifestation layer (2,3,4,5).
13. In general the transition is to take us from the Nth manifestation layer (N,N+1,N+2,N+3) to (N+1th) manifestation layer (N+1,N+2,N+3, N+4).
14. The range of 5 consecutive spaces (N,N+1,N+2,N+3, N+4) is known as the Transcendental range as it attains transition from a given manifestation layer to the next manifestation layer.
15. As such, the transition from Cube as first manifestation layer to Hyper Cube 4 as next manifestation layer shall be availing the 5 fold transcendental range (1,2,3,4,5)/(1 space, 2 space, 3 space, 4 space and 5 space). These 5 folds are respectively designated as dimension 4, boundary 4, domain 4, origin 4 and transcendental fold.

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ALONG HYPER CUBE 4 FORMAT

1. Hyper Cube 4 format, as a manifestation layer is of 4 folds (2,3,4,5).
2. The idea of potentialities of this format may be had from the fact as that the Creator Himself as well for manifestation of his own idol avails this very format.
3. The features of idol of Lord Brahma as 4 head lord with a pair of eyes equipped in each head sitting majestically upon a lotus seat of eight petals and meditating upon His Lord (5 Head Lord) in cavity of His own heart, are parallel to the features of Hyper Cube 4 format as much as that four heads run parallel to four dimensions of 4 space, pair of eyes of each head run parallel to the spatial dimensional order, eight petals of lotus run parallel to eight solid boundary components of Hyper Cube 4 and the seat of 5 head Lord being parallel to the 5 space in the role of origin of Hyper Cube 4.
4. As such the processing feature along Hyper Cube 4 format would run parallel to spatial dimensional order, solid boundary, hyper solid domain and the transcendental origin.
5. The features of transcendental origin would be of the order of the transcendental range to be supplied by the transcendental origin as it being of the format of Hyper Cube 5 as representative regular body of 5 space.
6. These features of processing along the format of Hyper Cube 4, for their proper comprehension and full insight, may be approached fold by fold.
7. The spatial dimensional order of creator’s space makes this space of distinguishing feature then that of 3 space being of linear dimensional order.
8. Likewise, the spatial dimensional order of creator’s space makes it of distinguishing feature then that of spaces of solid and hyper solid dimensional order.
9. The solid boundary of Hyper Cube 4, as such is of distinguishing feature then that of the spatial boundary of the Cube.

10. Likewise, the solid boundary of Hyper Cube 4 is also of distinguishing feature then those of other Hyper Cubes of Hyper solid boundaries.
11. The hyper solid domain of Hyper Cube 4 is of features of 4 space content, which is of distinguishing nature then that of the solid domain of cube of hyper solid domains of other hyper cubes.
12. This student of Vedic Mathematics Science and Technology, naturally have to concentrate more upon the feature of hyper solid content of creator's space.
13. It is only in terms of the features of hyper solid content of creator's space, that the technologies of this base are to be harnessed.
14. It is only by having knowledge of working details of different feature of this space content that one may expect to deal with this space content an accordingly lead would be that students of Vedic Mathematics Science and Technology shall go for research of different feature of the hyper solid content of creator's space.
15. It is only in terms of the features of this space content that one may ensure reaching at the mirrors, prisms, carriers and fuels of this domain.
16. One may reach the intelligence field of creator's space by transcending through the sensory field which takes up till the solid body of creator's space.
17. It is by transcendence through intelligence field creator's space that one shall be entering the consciousness field.
18. It is by glimpsing the way the transcending mind goes self referral while transcending through the intelligence filed of the creator's space that one shall be perfecting one's intelligence about the creator's space.

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CUBE AS MANIFESTATION LAYER (1,2,3,4)

1. Let us take up the aspect of "Cube as a Manifestation Layer (1,2,3,4).
2. 4 folds of the manifestation layer are; 1 space as dimension, 2 space as boundary, 3 space as domain and 4 space is origin.
3. Dimension fold, itself while availing the format of Hyper Cube 4/Manifestation format of 4 folds, it as such shall be emerging as manifestation layer (-1,0,1,2).
4. Likewise the boundary fold of Cube shall be manifesting as a manifestation layer 0,1,2,3.
5. The origin fold of Cube shall be manifesting else (2,3,4,5).
6. This way "Cube" along the manifestation format of Hyper Cube 4/Creator's space shall be manifesting as a set of 4 manifestation layer namely, the dimension manifestation layer (-1,0,1,2), boundary manifestation layer (0,1,2,3), domain manifestation layer (1,2,3,4) and origin manifestation layer (2,3,4,5).
7. These 4 manifestation layer together avail seven steps long unity manifestation range for the cube being (-1,0,1,2,3,4,5).
8. In general the unity state manifestation range may be expressed as (N-2, N-1, N+1, N+2, N+3, N+4, N+5).

9. The unity manifestation range for Hyper Cube 4 comes to the (0,1,2,3,4,5,6).
10. The unity manifestation range for Hyper Cube 5/transcendental worlds emerges as (1,2,3,4,5,6,7).
11. As such, the chase of cube as a manifestation layer accepts a chase as organization arrangement of 4*4 matrix as follows;

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
12. One may see that here in this setup, 4 space is in its different roles, namely as origin fold, domain fold, boundary fold and dimension fold.
13. Further one may see that these placements for these roles of 4 space accepts the format of the diagonal.
14. This feature of this setup deserve to be comprehended well to have an insight as to hope within the domain of the cube, the corners of the cube get coordinated in terms of the 4 diagonals.
15. Further, in terms of these comprehension and insight, one may glimpse the existence of 4 space in the role of origin of cube/3 space.
16. One shall perfect one's intelligence to glimpse the phenomena.
17. One shall sit comfortably and permit one's transcending mind to glimpse through the domain of Cube to be face to face with creator's space in the role of origin and supplying the existence frame for four diagonals coordinative eight corner points of the cube.
One shall permit one's mind to transcend time and again through the setup of the cube and to have transition to the setup of hyper cube and attain perfection of intelligence.

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HYPER CUBE 4 AS MANIFESTATION LAYER (2,3,4,5)

1. The transition from cube to hyper cube 4 may be attain by approaching them as manifestation layers (1,2,3,4) and (2,3,4,5) along the transcendental range (1,2,3,4,5).
2. With each fold of the manifestation layer itself while availing the manifestation format, manifests as manifestation layer, and with it, the transition from cube to that of hyper cube 4 need be of the format of 5*5 transcendental ranges.
3. The organization arrangement for the set of 4 manifestation layer of cube would be as follows:

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
4. The organization arrangement of the set of 4 manifestation layer of hyper cube 4 would be as follows:

2	3	4	5
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3	4	5	6
4	5	6	7
5	6	7	8

5. The transcendence of format for above pair of organization arrangements would be as follows:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

6. The combined value of the artifices of all the rows and column of above transcendence format comes to the $125=5*5*5$; and eight fold of them, parallel to the need of transcendence through eight solid boundary components of hyper cube 4 shall be yield a value $125*8=1000=10*10*10$, a transcendental solid order of creator's space at boundary of the transcendental worlds.
7. As such the students of Vedic Mathematics Science and Technology need to perfect their skill for chase along 5 transcendental ranges, namely, (1,2,3,4,5), (2,3,4,5,6), (3,4,5,6,7), (4,5,6,7,8) and (5,6,7,8,9).
8. This shall be taking us to $5*5=25$ Verga (square format) consonants of Vedic/Sanskrit/Alphabet format.
9. It is here from where onwards, the Sanskrit grammar may be availed from the help of settlement of further working details of the systems.
10. With each letter of alphabet being of a definite manifestation format along the transcendental range, the rest whole of the grammar and composition rules are of preside mathematical values determined along geometric formats manifesting within creator's space. In fact, each letter becomes the creator letter.
11. As such the alphabet becomes the beginning as well as the end of the Vedic systems.
12. The attainment of beginning as well as the end at the same ment is the unique feature of Vedic systems.
13. This feature is there because of this spatial order of the creator's space.
14. The spatial order is responsible for the transition for the role of 1 space as domain (line) to the role of 1 space as boundary (circumference).
15. The way linear boundary of spatial setups takes off and structures out the solid setup of linear order, deserves to be chased.
16. For this chase one may begin with different roles of 3 space/solids/cube as "domain", "boundary", "dimension" and further as sustainer of the sky line for the origin fold and ahead the further as the solid sky line of polestar.
17. We are well acquainted with "cube as domain" as well as cube as solid body components of hyper cube 4, and cube as solid dimension of hyper cube 5.

18. The manifestation layer (3,4,5,6) accepts 3 space in their role of dimension leading to 6 space as origin fold. Further as that the sky line of 6 space, that is dimension of dimension 6 space is of spatial nature which runs parallel to the spatial boundary of 3 space.
19. The transcendental range (3,4,5,6,7) accepts 3 space in the role of dimension and 7 space in the role of transcendental fold. Further as that the sky line of polestar/7 space, that is dimension of dimension of 7 space is of solid nature and it runs parallel to the 7 geometry of 3 space.

As such, one shall permit one's mind to transcendence along the transcendental range (3,4,5,6,7) and have perfection of intelligence and insight about Triloki within creator's space.

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HYPER TRANSCENDENTAL WORLDS AS MANIFESTATION LAYER (3,4,5,6)

1. The flow of manifestation layer along the transcendental range, particularly the flow of the manifestation layer of transcendental worlds (3,4,5,6) along the transcendental range (3,4,5,6,7) deserves to be chased time and again for perfection of intelligence.
2. The sum of the values of 5 folds of the transcendental range (3,4,5,6,7) is $25=5*5$.
3. The sum of the values of 5 transcendental ranges of $5*5$ format, as follows, is of value $125=5*5*5$

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

4. This attainment of cubic order ($5*5*5$) along spatial order ($5*5$) format is there because of the spatial order creator's space being fulfilled with solid quantifiers supplied by the transcendental worlds source reservoir at origin of the creator's space.
5. Cube as solid dimension of transcendental worlds supplies coordination for the dimension itself in terms of its internal diagonals.
6. One may permit one's transcending mind to glimpse this phenomena of Coordination along diagonals and supplying the distinct sequential flow along the diagonals as is organized in the arrangement of transcendental ranges

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8

7. The Central diagonal of this format is of uniform values (5,5,5,5,5) with total value being 25 which accepts expression arrangement as (3,4,5,6,7).
8. One must revisit the above arrangements time and again and have its full comprehension and insight about it as that here each diagonal is of uniform but distinct values.
9. One shall permit one's mind to transcendence time and again and to glimpse this transcendental grid of sequential values manifesting uniform flow of values along diagonal but each diagonal being of distinct value, and to perfect one's intelligence as to the way the spatial order attains this arrangements through spatial push splitting along its pair of axes and yielding the transcendental grid as it is.
10. One shall continue permitting one's mind to transcendence time and again and to glimpse the way transcendental worlds emerge and fade within the creator's space as spatial pulls and pushes because of the pulsating stars of the universe of polestar.
11. The uniform beams emanating from the pulsating stars of the universe of polestar manifest as transcendental manifestation layers (3,4,5,6) flowing along the transcendental range (3,4,5,6,7) as mid stream of the transcendental grid of the concerned pulsating star.
12. As such the setup of our Triloki of 3 space format deserves to be visited time and again as creation of creator's space and the same being of features which when go transcendental become the transcendental carriers leading to polestar.

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TEACHING ALONG HYPER CUBE 4 FORMAT

1. This is to be taken as a step in continuity of the step of teaching along the format of a Cube.
2. This as such presumes that the teaching at 9th standard is being continued in the background of necessary exposure for requisite transition from format of cube to that of hyper cube 4 format.
3. As such, the first lesson for teaching and learning along hyper cube 4 format would be to first of all expose the young mind about the existence of 4 and higher space, with focus upon 4 space.
4. It may be presumed that the students joining class IX shall be well acquainted with the interval, square and cube being the representative regular bodies of 1,2 and 3 space respectively.
5. In this background the teachers may take help of this comprehension of setups of interval, square and cube and there from to have smooth transition for the existence of 4 space, as well as for the setup of hyper cube 4 as a representative regular body of 4 space.
6. The book "Vedic Geometry course" of the author may be of initial help for the teachers for exposing and maturing the young minds about the existence of 4 space as well as about features of hyper cube 4 being representative regular body of 4 space.
7. Smoothly, the young minds need be exposed to the feature of hyper cube 4 as a 4 fold manifestation layer (2,3,4,5).

8. Each fold of this manifestation layer (2,3,4,5) need be chased one by one and the distinct feature of each fold need be tabulated for their distinct appreciation of pure and applied values there of.
9. As a next step, the young minds are to be exposed to the transcendental range (1,2,3,4,5) as well as to the next transcendental range (2,3,4,5,6).
10. The discipline of Mathematics Science and Technology along Geometry formats, particularly along format of hyper cube 4, shall be formally taken up as a subject of instruction beginning with the measuring rods and measures.
11. With the help of dimensional measuring rods and measure there of are to be handled with perfected intelligence for chase of “periodic tables”, manifested entities, existence within framed domain and the different states of the dimensional content, fuels, mirrors, prisms and carriers-spectrums.
12. It be brought to the pointed attention of the students at the outset at the initial stage of instructions itself as that the systems there are going to attend to are going to be of spatial features and that the same of distinct characteristics than that of the linear order of mathematics of format of cube learnt by them up till their middle class.
13. As such, at the outset of initial instruction itself the students be exposed to the numerals as of double digits formats viz, 01,02,03,04,05,06,07,08 and 09.
14. The obvious distinguishing feature of numerals of single digit format namely 1,2,3,4,5,6,7,8 and 9 than those of double digits formats namely 01,02,03,04,05,06,07,08 and 09 need be focused well, so that the necessary transition from linear order arithmetic to spatial order arithmetic stands smoothly attained.
15. The feature of artifice four is that $4=2+2=2*2$ because of the linear addition and multiplication getting super imposed.
16. The feature as that 2 space plays the role of dimensional measure for 4 space and this spatial measure accepting split as a pair of axes leading to a spatial unit $1^2=1*1=1/2*2/1$.
17. It is this feature of becoming double along one axis and simultaneously going half along other axis, which need be comprehended well to have double of a linear unit within a spatial format only by going half of linear unit along other axes.

Within linear order, it may be paradoxical to imagine to be double by going half, but here in the spatial order, it is the rule of mathematics science and technology such availing 4 space domain

LEARNING ALONG HYPER CUBE 4 FORMAT

1. Welcome to the Discipline of Vedic Mathematics, Science and Technology.
2. The exposure along the format of cube during middle class schooling is certainly going to be much help but nevertheless, it be taken that the real beginning of instructions of the

domain of the discipline of Vedic Mathematics, Science and technology are to begin now with learning along to format of hyper cube 4.

3. Vedic Mathematics, Science and Technology formally may be defined as the discipline of mathematics science and technology of 4 space.
4. As such, first of all, one is to reach at hyper cube 4 as representative regular body of 4 space existing in continuity of interval, square and cube as representative regular body of 1,2 and 3 space.
5. The domain boundary ratios formulation $A^N : 2NB^{N-1}$, $N=1,2,3,4$ shall be working out the domain boundary ratio for hyper cube 4 as $A^4 : 8B^3$.
6. In other words, hyper cube 4 is a setup of 4 space domain wrapped within solid boundary.
7. It is a manifestation layer of 4 folds (2,3,4,5)/(2 space as dimension, 3 space as boundary, 4 space as domain and 5 space as origin).
8. It being a spatial order setup as having 2 space in the role of dimension, as such the measure of the measuring rod of this domain shall be different then that of the measure of the measuring rod of 3 space/cube as domain.
9. The dimensional order of 3 space/cube is linear, as 1 space place the role of dimension, and as such the measure of measuring rod of 3 space/cube is of a linear units.
10. On the other hand, the dimensional order of 4 space/hyper cube 4 being spatial as 2 space place the role of dimension, as such the measure of measuring rod of 4 space/hyper cube 4 is of spatial units.
11. One way to approach the linear units is as of expression 1^1 .
12. The spatial unit, as such would be of expression 1^2 .
13. As such, here in 4 space along 4 space format, we have to work with spatial measure " 1^2 ".
14. Accordingly the mathematics, science and technology along this format of hyper cube 4/4 space may be formally accepts as mathematics, science and technology.
15. With linear units being of first degree/power, and the spatial units being of second degree power, the same, as such may be accepts as the units of features of artifices (1) and (2) respectively.
16. The arithmetic operations, viz, addition, multiplication etc., of spatial units are going to be of different features and skills then that of the arithmetic operations of linear units.
17. As such, the first formal learning step of arithmetic of 4 space/hyper cube format, is to be to learn and acquire the features and skills of arithmetic operations of hyper cube 4 format/4 space/spatial measures.
18. For it, one shall revisit the features and skills of arithmetic operations of linear units and try to address to the feature as to how the multiplication here happens to be of steps of repeated addition operation.
19. We may take the illustrative case of $2+2=2*2=4=2^2$.
20. The format for arithmetic operations of linear units being the linear dimensional order, that is, 1 space/line being the measure computation format, as such the addition steps, despite repetition, are to track the length/elongation along the line, as it has no liberty of expression

except to follow the permissible format of a line. As such $2+2=2*2=4=2^2=4^1$ is to be $4*1^1$ linear unit despite being of second degree (2^2).

21. Now, with availability of the spatial format for second degree values (2^2) shall be yielding $4*1^2$, that is, 4 spatial units.
22. Spatial unit 1^2 permits split up as $\frac{1}{2}*2/1$.
23. It is this feature of spatial units, which may help us have continuity with transition from linear units to spatial units but nevertheless the linear units and spatial units being of distinct features which are there because of the distinctive features of the measures and dimensional orders of cube/3space and hyper cube 4/4 space.
24. This distinctive nature of the units/measure/dimensional orders of 3 space and 4 space shall be comprehended well as the linear mathematics and spatial mathematics are going to be of different features and skills

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VEDIC MATHEMATICS SCIENCE AND TECHNOLOGY BASICS

1. Vedic Mathematics Science and Technology basics of the format of hyper cube 4 are supplied by its domain fold.
2. With 4 space itself playing the role of domain 4 of hyper cube 4 format/manifestation layer (2,3,4,5), the basics feature of domain fold as such are there because of the space contend of 4 space.
3. The space contend of 4 space being of spatial order, as such the basics feature of Vedic Mathematics, Science and Technology of hyper cube 4 format are to be regulated by the spatial order of the space contempt of this domain.
4. To be specific, the mirrors, prisms, fuels, carriers-spectrums and the measure, units as well as basic operations of these units are to be regulated by the spatial order of the space contend.
5. The measuring rods and the measures as well are to be regulated by the features of this spatial order of the space contend.
6. While the linear order space matter of 3 space is regulated by its linear units and linear tracks, the spatial order space contend of 4 space is regulated by spatial unit and spatial beds.
7. The linear units and linear tracks shall be leading to linear sky line while the spatial units and spatial beds shall be leading to spatial sky beds.
8. Linear order space matter is the mundane state while the spatial order space contend is of subtle state.
9. In others words, while the linear order processing id of macro state features, the spatial order processing is of micro state processing.
10. While in terms of linear order features one can reach up till the orbits, the spatial order feature take us up till the orbitals within the orbits.

11. The linear order features take us up till the sensory field while the spatial order features take us up till the intelligence field.
12. The limit of linear order is up till the solid boundary of hyper cube 4 format, while the limit of the spatial order is up till the hyper solid domain of hyper cube 4.
13. With this, the Vedic Mathematics, Science and Technology features get linked with the spatial order space content of domain of hyper cube 4 and the intelligence field emerging there in.
14. These features of Vedic Mathematics, Science and Technology lead to the corresponding skills interlinked with the consciousness field emerging within the intelligence field.
15. One shall go in trans, time and again and permit the transcending mind to glimpse the phenomena of emergence of intelligence field within creator's space.
One shall go in trans, time and again and perfect one's intelligence and glimpse with perfected intelligence the phenomena of emergence of consciousness field within the intelligence field

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VEDIC MATHEMATICS SCIENCE AND TECHNOLOGY SKILLS

1. Vedic Mathematics, Science and Technology basics along hyper cube 4 format are supplied by different features of 4 folds of hyper cube 4 as manifestation layer of spatial order with solid boundary, hyper solid domain and transcendental origin.
2. The solid boundary being of linear order settles the feature of the sensory field.
3. Mind transcends through the solid boundary of hyper cube 4 and enters its domain as spatial order intelligence field.
4. As such, the first skill which is to be learnt by the students of Vedic Mathematics, Science and Technology is to chase the way the mind transcends through the solid boundary of hyper cube 4.
5. The feature of the setup of hyper cube 4 accepting solid boundary of eight components when chased shall be helping acquire a skill the way the solid components three in number, together constitute a solid dimension of half unit to be availed as a half measure for the solid order and the remaining 5 solid components of the boundary of hyper cube 4 to workout is solid dimensional frame for the transcendental world within a hemi-sphere.
6. It is the spatial order of hyper cube format which shall be simultaneously manifesting transcendental world within both the hemi-sphere.
7. It is this transcendental feature of simultaneously emergence of transcendental world within both hemi-spheres which deserves to be chased with perfection of intelligence as it is this comprehension of this feature with which is to make one skillful to chase the phenomena of emergence of transcendental worlds within creator's space.
8. It is in terms of this comprehension that one shall be further acquiring the required skill to chase the phenomena of solid quantifiers being fulfilled within the creator's domain through its transcendental origin.

9. Further as that it is this skill which shall be helping chase the phenomena of transcendence of as well as ascendance through origin of creator's space parallel to the transcendence of Jyoti orb of the sun and the ascendance of Sama from Ayurvedic plants.
10. With creator's domain fulfilled with solid quantifiers as super imposed upon the spatial order of the creator's space there shall be emerging a unique state of simultaneous inward and outward expansions of identical orders of solid domain framed within spatial boundaries.
11. Therefore, in terms of skill, the mathematics science and technology to be worked out would be of spatial features of the dimensional bodies as manifestation layers.
12. It is this unique feature of Vedic Mathematics, Science and Technology handling dimensional bodies as manifestation layers which makes this mathematics science and technology of real potentiality which are no more available for the linear order mathematics science and technology.
13. If the mathematics science and technology of linear order is designated as of first element i.e. EARTH, the Mathematics, Science and Technology of spatial order is designated as of second element i.e. WATER.
14. Naturally, the next phases and stages of mathematics, sciences and technologies are to be of the features of FIRE, AIR, SPACE and SUN and polestar.
15. The central focus of Vedic Mathematics, Science and Technology skills is to be the intelligence field features of creator's domain and the way the creator's domain fulfilled with solid quantifiers to equip the intelligence field with the consciousness feature.
16. Accordingly, while the Vedic Mathematics, Science and Technology basics are to be taken as linked with the intelligence field of the creator's space and the Vedic Mathematics, Science and Technology skills are to be taken as linked with the consciousness field emerging within the intelligence field.
17. In other words, Vedic Mathematics, Science and Technology basics are linked with creator's domain and intelligence field within it and Vedic Mathematics, Science and Technology skills are linked with the origin of creator's space and the consciousness field emerging within the intelligence field.
18. One shall permit one's mind to go in trans time and again and to chase the way transcending mind glimpses the phenomena of emergence of consciousness field within the intelligence field of creator's domain

VEDIC GEOMETRY COURSE FOR TRANSITION TO HYPER CUBE 5 FORMAT

1. One may be sure about the knowledge of the Discipline of learning along the format hyper cube 4 only when one can have an idea of the way the required transition from this format to the next format of hyper cube 5 is to be attained.
2. For it, one may recapitulate the way one had a transition from cube format to that of hyper cube format.

3. This transition had been of features of transition from the format of cube as a manifestation layer to that of hyper cube 4 as a manifestation layer.
4. This transition had a focus upon the dimensional orders.
5. This feature of chase of dimensional order, would be of help to workout the transition from spatial order setup of hyper cube 4 as a manifestation layer (2,3,4,5) to hyper cube 5 as a manifestation layer (3,4,5,6) but the additional feature which may facilitate the transition from one manifestation layer to the next consecutive layer is of the transcendental range.
6. The transcendental range is of 5 folds of consecutive dimensional spaces.
7. Illustratively the availability of the transcendental range (1,2,3,4,5) shall be facilitating the grouping for the pair of consecutive manifestation layers, namely (1,2,3,4) and (2,3,4,5).
8. It is this feature of grouping of consecutive manifestation layers along the transcendental range, which would help avail the different roles for spaces to attain required transition from a given manifestation layer to the next manifestation layer.
9. It is working like that of a slide rule, which in the context given manifestation layer (1,2,3,4) and (2,3,4,5), a shift of role for 2 space from boundary fold to that of dimensional fold for it and likewise for 3 space from domain fold to that of boundary fold and so on, the required transition from the setup of first manifestation layer (1,2,3,4) to next manifestation layer (2,3,4,5) can be attained along the transcendental range of 5 folds.
10. The special feature of format hyper cube 5 is that it is of features of representatives regular body of 5 space, while the format of hyper cube 4 is of the features of representatives of regular body of 4 space.
11. Hyper cube 4 being the representative regular body of 4 space, it is of features of manifestation format of 4 folds.
12. On the other hand hyper cube 5 being the representative of regular body of 5 space, it is the feature of transcendental range of 5 folds.
13. As such, while the manifestation format provides working range of 4 folds only, on the other hand working range of transcendental range is of 5 folds.
14. Accordingly while working the Vedic Geometry for transition from manifestation format of 4 folds to that of being transcendental range of 5 folds, the focus is to center around this feature of transcendence along the transcendental range.
15. The connected feature of the transcendental range is that it simultaneously also provide the format of ascendance from one manifestation layer to another manifestation layer parallel to the phenomena of transcendence to one manifestation layer to another manifestation layer.
16. The transcendence and ascendance from one manifestation layer to another manifestation layer run parallel to each other but in opposite orientations, as much as that while transcendence takes place from higher manifestation layer to the lower manifestation layer, the ascendance takes place from lower manifestation lower to higher manifestation layer.
17. This phenomena of simultaneous transcendence and ascendance is of very unique feature along manifested body of dimensional spaces as here dimensional folds and domain folds are simultaneously available. As such transcendence from solid boundary to spatial dimensional order and ascendance from hyper solid domain to solid boundary takes place. It

is this working feature of simultaneous transcendence and ascendance deserves to be chased.

18. One shall go and trans time and again and chase the phenomena of transcendence of Jyoti from orb of the SUN (6 space) to space (5 space) and ascendance of SAMA from space (5 space) to orb of the SUN (6 space).*

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EXISTENCE WITHIN FRAMED DOMAIN

1. First test of one's comprehension of 4 space creation is the extent one understand the manifested form of the dimensional bodies.
2. In other words, it may be put as that one is to be conscious about the dimensional content manifesting as domain fold of its body.
3. Illustratively, it is the 3 space content which manifests as domain fold of the cube and expresses as its volume.
4. In fact, it is this "domain" of the cube which focuses about the features of 3 space as space of activities within 3 space.
5. It is this space of activities, as domain fold (of cube), which is to be chased as to the features of the possible activities of different entities permissible within 3 space.
6. This set of features and activities of whole range of activities within 3 space, as such, may be designated as the existence of phenomena (within 3 space).
7. This existence phenomena within domain fold of cube, in fact is the existence phenomena within the framed domain of cube as that the cube is framed and its domain is enveloped within spatial boundary.
8. As such, the existence phenomena for its chase, is to be of the features of existence within a framed domain.
9. It is the linear dimensional frame and spatial boundary of the domain of the cube which regulates the features of activities within the domain fold of cube/3 space
10. In addition, it is the origin fold where stand coordinated the dimensional axes, which has more prominent role to play for the quality of the feature of existence phenomena within the framed domain.
11. Accordingly, the basic focus of the existence phenomena which is to center around the quality of feature of existence because of the role of the origin fold being played for sustains of the framed domain as to be of the feature as it comes to be as to its dimensional order in particular.
12. Therefore the Sadhkas shall permit their mind to go in trans time and again, and to glimpse the role of the origin fold as to the quality of feature of existence phenomena, which as such may be taken as the quality of life.
13. Taking that the quality of life is linked with the origin fold, one shall try to comprehend one's own existence as existence within a framed domain/slab of the format of a physical manifestation layer of which cube is the representative setup features.

14. It may be a good exercise for the Sadhkas to go in trans time and again and to chase oneself as framed phenomena of the format of the slab form of manifestation layer.
15. It may be interesting feature of our existence phenomena to be viewed as a set of manifestation layers/a set of slabs being the framed domains of the format of a cube as a representative regular body of 3 space.

The Sadhkas may further satisfy their urge to know more as the way this feature and aspect may be approached and comprehended, may go through the relevant chase of the scripture YOG VASHISHAT about the way *Brahm Rishi Vashishat* had accompanied *Vidyadhari* within her abode within *SHILA/SLAB* Where Vashishat had a face to face meeting with Lord Brahma

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SPACE WITHIN CAVITY OF HEART

1. One shall sit comfortably and permit the mind to transcend through the framed domain existence of phenomena of slab of the format of 4 fold manifestation layer of a cube and glimpse its origin fold.
2. One shall glimpse the space of origin fold as the space of cavity of one's heart.
3. The origin fold being of the format of hyper cube 4, as such there is a seat of Lordship (5 head lord) within the cavity of the heart of Lord Brahma (4 head Lord).
4. With Lord Brahma Meditating upon His Lord (Lordship) in cavity of his heart/origin fold of hyper cube 4 format, Lord Brahma multiplies 10 fold in Shivlok (5 space having hyper cube 5 as its representative regular body and domain boundary ratio of it being $A^5 : 10B^4$), and with it there is a change of role of 4 space from that of domain fold to boundary fold.
5. It is this transcendental transition phenomena happening within cavity of heart which deserves to be chased.
6. In addition to the experiential glimpse of transcendental transition within cavity of heart, one may perfect one's intelligence as to the intellectual chase of transition from manifestation format to the transcendental range.
7. In the context of existence phenomena in its generality within framed domains of slabs/cubes format, the focus is to be as to the special feature of its origin fold as the origin source reservoir of quality of life as it been the seat of creator Himself.
8. As such, the Sadhkas shall be learning the basic skill of transcendence and ascendance within cavity of one's heart.
9. This transcendental phenomena of transcending mind within cavity of heart deserves to be chased time and again.

10. It is in terms of the attainment of this feature and skill of the transcending mind that one may evaluate one's success of learning along the format of hyper cube 4.
 11. It is in terms of this attainment of this feature and skill of transcending mind glimpsing the existence worlds within the "Slab" that one may be attaining the privilege of being face to face within "Lord Brahma"/Creator the Supreme accepting His seat within the "slab".
 12. The whole range of applied values of Vedic Mathematics, Science and Technology of hyper cube 4 format, as such, can be attained in terms of the above feature and skill of the transcending mind as to be of the feature of being face to face with the creator the supreme.
 13. This attainment has the further promise of unfolding for the transcending mind the whole range of feature of transcendental worlds as of the order of DWADASH ADITYAS/12 SUNS Manifesting 12 fold transcendental boundary for hyper cube 6.
 14. This is a step of attainment of perfection of intelligence of the Sadhkas glimpsing and chasing the phenomena of emergence of consciousness field within the intelligence field.
 15. It is the slab of "consciousness" which sustains within it the whole range of existence phenomena of transcendental worlds.
- The Sadhkas shall sit comfortably and permit there transcending mind to glimpse the existence phenomena of transcendental worlds within slabs of consciousness

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UNIVERSE WITHIN A SLAB

1. One shall continue practice of glimpsing the Universes within the SLAB.
2. The scriptures focused time and again as that the practice (*Abhyas*) is essential for this potentiality.
3. The dialogue between *Brahm Rishi VASHISHAT* and *Vidyadhari* (Sargas 66-67 of Nirvan Prakaran Uttrayan) is about this aspect as to how the practice place its role for attaining potentiality for glimpsing the Universes lively within the SLAB.
4. One shall, as such sit comfortably and permit the mind to transcendence time and again, and to glimpse the universes lively within the SLAB.
5. One shall with practice be acquiring potentiality of transcendence through the inner layers of the universes lively within the SLAB and shall be glimpsing the transcendental worlds as well as inner most fold of the transcendental worlds there in.
6. The scripture (Yog Vashishat, from Sargas 68 onwards of Nirvan Prakaran Uttrayan,) is taking us to the state of the inner folds inner most fold of transcendental worlds of hyper cube 5 format as a manifestation layer (3,4,5,6).
7. Beginning with the format of a cube as 3 space domain in the role of dimension and sequentially being through the role of 3 space, firstly as of boundary fold of hyper cube 4, secondly as of dimension fold of hyper cube 5 and finally as dimensional axes emanating from origin fold of hyper cube 6 format, one shall be having a blissful experience of glimpsing the whole range of manifestations of Universes within the SLAB.

8. It is this blissful experience which shall be taking us through the sequentially state of SLAB firstly as that of a physical cube format knowable as sensory field, secondly as the micro state of SLAB knowable as intelligence field, thirdly the inner fold of micro state knowable of the consciousness field and ahead there being the inner folds of the transcendental worlds of the format of consciousness SLAB and finally as the inner most fold of transcendental worlds of consciousness SLAB itself.
9. This blissful experience shall be sequentially unfolding for the transcending mind the distinct spheres of existence phenomena of Universes as spheres within spheres of 5 fold transcendental range.
10. This potentiality of transcendence along the transcendence range of 5 folds spheres of inward expansion is acquired by the Sadhkas with practice, which in the language of *Yoga-Nishta* is designated as 5 folds coverings path (*Panchvaritti*).
11. The nearest parallel to it may be had from the modern approach to the periodic table of atoms accepting organizations arrangements for the electronics configuration of atomic setups as orbitals within orbits.
12. The study zone of Shrimad Bhagwat Geeta as well enlightens us up till the state of inner most fold of the transcendental worlds as being of the format of hyper cube 6.
13. However, the transcendental processing is not to be only of this stage and the *Sadhana* is to continue ahead to glimpse the *Brhaman* domain as the ultimate glimpsing domain.
14. The intellectual beginning for its may be had by approaching the universal range along “artifice 9”.
15. This learning process is to avail the organization arrangements of “9 Vowels”.
16. The organization arrangements of 9 Vowels with themselves, and parallel to then the organization arrangements of 9 numerals with themselves would deserve to be chased.
17. In the context the intellectual games of numbers, like that of “SUDOKU GRID” may be of help for many.
18. It may be attempted to workout the mathematics at the base of SUDOKU GRID.
19. Here is indicated, one of the ways, as to how this discipline may be approached:

INTRODUCTORY: SUDOKU GRID 9*9”

11	12	13	14	15	16	17	18	19
21	22	23	24	25	26	27	28	29
31	32	33	34	35	36	37	38	39
41	42	43	44	45	46	47	48	49
51	52	53	54	55	56	57	58	59
61	62	63	64	65	66	67	68	69
71	72	73	74	75	76	77	78	79
81	82	83	84	85	86	87	88	89
91	92	93	94	95	96	97	98	99

1. SUDOKU Grid is of 9*9 format.
2. These 81 grid zones (squares) have distinct addresses because of their specific placements along the grid format.
3. One way to address these placements with the help of numbers is as above availing sequential arrangement of double digit numbers of 10 place value system.
4. One basic feature following about choice of double digits numbers is that it accepts all possible pairings of numerals 1,2,3,4,5,6,7,8,9 with themselves.
5. One may see that these 81 combinations of 9 numerals with themselves constituting double digits numbers are the only possible set of double digits numbers amongst the range 1 to 100.
6. The numerals 1,2,3,4,5,6,7,8,9 being single digits numbers and 10,20,30,40,50,60,70,80,90 being double digits numbers but availing place value "0", as such, these 18 numbers are constituting a distinct class of numbers amongst the numbers 1 to 100.
7. The number "100" is a three digits number and also avails place value "0", and accordingly it in itself constitutes a distinct class of a single triple digit number amongst the range 1 to 100.

FOCUS:

1. The focus of this lesson is to introduce the SUDOKU GRID in terms of addresses of its all 81 Grid zones.
2. The way of supplying distinct addresses for all the 81 Grid zones has been introduced.
3. The way artifices of double digits numbers have been tailored here by pairing 9 numerals with themselves has inherently been of advantage that it straight way helps to bring it within the mathematics domain.

The ancient wisdom while working with 9 Vowels settles 9*9 format for combinations of Vowels with themselves to bring the working rules within the domain of *Brahm Vidya* as discipline of artifice "9".

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BRAHMA WITHIN THE SLAB

1. "Brahma" is creator the supreme.
2. With practice, one can see the seat of creator within the Slab.
3. One can see that the center/origin of Slab/cube is the meeting point of four diagonals.
4. One can also see that center/origin of Cube is the meeting point of eight sub-cubes.
5. One shall go on focusing one's attention upon the different features of the setup of the center/origin of cube.
6. One shall be eventually glimpsing a flash around the center/origin of the cube about it being of a distinct format of features of hyper cube 4 as a space and enveloped within a solid boundary of eight components.

7. The transcending mind shall be glimpsing the center/origin of cube being a seat of the creator as it being of the format of idol of four head Lord.
8. The glimpsing of distinct *Brahma* within a Slab, as such shall be a blissful experience.
9. The perfection of intelligence through such blissful experience shall be equipping the transcending mind with an eye which shall be seeing distinct Brahmas within distinct Slabs being the transcendental phenomena of simultaneous manifestation of the creator the supreme in many fold and marking his presence in ivory creation.
10. It is this attainment of the transcendental eye of the transcending mind which transcendently transformed the consciousness state to have sustenance of the transcendental eye.
11. For perfection of this consciousness state, one has to be through trans time and again.
12. One shall sit comfortably and have prolonged seating of trans affording full opportunity for the transcending mind to glimpse the transcendental phenomena of different states of consciousness.
13. With prolonged sitting, one shall be glimpsing that, Lord Brahma, Creator the Supreme, as well is glimpsing its creations transcending into the transcendental worlds with grace of the transcendental Lord having seat in the cavity of heart of the creator.
14. With it the transcending mind shall be blessed with an enlightenment as that the creative powers of Lord Brahma, the creator the supreme, are there because of the grace of the Lord of the transcendental worlds.
15. Scripture enlighten as that the transcendental Lord himself with a seat in the cavity of heart Lord Brahma as well continuously go in trans to glimpse the flow of creative powers through the reed connecting lotus of heart with naval of Lord Vishnu blissfully glimpsing the flow of transcendental grace.
16. Blessed are the Sadhkas who are privileged to be through prolonged sittings of trans to be in the rare state of witnessing the unique Brahman grace reaching the transcending mind through reed of the lotus of heart of Creator the Supreme emanating the naval of Lord Vishnu in Brahman bliss state.
17. Blissful is the chase of transcending mind glimpsing Lord Brahma, Creator Supreme with His seat within the slab and Lord blissfully meditating upon the Lord of transcendental world with seat within cavity of heart of Lord Brahman and the transcendental world blissfully floating within the reed of the lotus of heart of the creator emanating from the naval of Lord Vishnu as sustainer of creation of phenomena.
18. Further blessed is the chased of transcending mind attaining privilege the state of glimpsing the way the Brahman grace fulfill Lord Vishnu, the sustainer of creation with transcendental feature flowing through the reed of the lotus under the transcendental governance of the transcendental Lord.

GLIMPING THE CREATOR'S RANGE WITHIN THE SLAB

1. Sequentially one shall glimpse through the whole of creature range within the Slab (3 space).
2. Beginning with the lotus seat of eight petals' Creature Himself (4 space), the transcending mind shall be availing the privilege to transcend through the REED of the LOTUS as range of transcendental worlds (5 space) leading up till the inner most layer of the transcendental world as "NAVEL" of Lord Vishnu.
3. The transcending mind shall be glimpsing the innermost layer of the transcendental world as NAVEL of Lord Vishnu (6 space).
4. This transcendence path beginning with 3 space format (Slab) and reaching up till Navel of Lord Vishnu (6 space) is of 4 fold manifestation features of a layer (3,4,5,6)/(3 space as dimension fold, 4 space as a boundary fold, 5 space as transcendental domain and 6 space as sustaining origin).
5. For the privilege of the glimpsing the Brahman grace, the transcending mind is to transcendence further along the manifestation layer (6,7,8,9/6 space as dimension fold, 7 space as boundary fold, 8 space as domain fold and 9 space as origin fold).
6. This transcendental phenomena as well as approached by the transcending mind availing transcendence and ascendance of the Brahman grace as transcendence range (9,8,7,6,5) and as ascendance range (1,2,3,4,5).
7. One shall be conscious of the transcendental joint of the transcendental worlds emerging as Brhaman grace for the transcendental worlds.
8. While approaching through manifested creation formats, one is bound to be of illusion (*Maya*) of the transcendental joint which is there as transcendental grace (*Lila*).
9. "*Maya* and *Lila*" are two distinct aspects of creator's range about which one is to be fully conscious while aspiring for the Brahman bliss.
10. The way manifestation layers flow along the transcendental range and the way the transcendental ranges unify are two distinct faces and stages which need be crossed to have coverage of the creator's range within the Slab/Cube/Manifested Entity/Framed Domain.
11. To be along the path of framed domains, one may begin with the linear Slab (3 space), and to be sequentially through the spatial Slab (6 space) and the ultimate solid Slab (9 space).
12. To be along the path of manifested layer, one may begin with the manifestation layer (0,1,2,3) and to be through (3,4,5,6) and (6,7,8,9).
13. While being through the transcendental path one is to ascend along the transcendental range (1,2,3,4,5) and transcend through (9,8,7,6,5).
14. The transcendental range within creator's space being of a spatial order, splits two fold, as distinct pair of ranges (1,3,5,7,9) and (0,2,4,6,8).

15. The framed domains, as such avail above pair of transcendental ranges, for its domain and for its boundary, as illustratively for a Slab/Cube as (3 space as domain/domain fold and 2 space as boundary/boundary fold).
16. The transcendental range (1,3,5,7,9) sequentially take us from dimension to domain doing ascends and through domain to dimension during transcendence.
17. The simultaneous transcendence and ascendance take us to the middle of the range, which is of artifice 5, parallel to the transcendental worlds.
18. It is this transcendental feature of creator's space fixing the transcendental worlds within it which deserves to be chased well.
19. The scriptures enlighten us about it as the transcendental phenomena, designated and known as *DIVYA GANGA* which formally may be defined and expressed as that the *Brahman* grace flows through the *BINDU SAROVAR* of sole syllable *OM* and ahead it manifests as three steams and a single stream.
20. With this the *Brahman* Grace path manifests along with all transcendental features within the creator's space unfolding along artifices format of sole syllable *OM* in terms of which the transcending mind can glimpse through and chase all the transcendental systems together as pure and applied knowledge of whole range of *VEDAS* as single Discipline.

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FOCUS

1. The focus is as that the creator's range may be sequentially chased as the Brahman range (1,2,3,4,5,6,7,8,9) as ascendance range (1,2,3,4,5) and as transcendence range (9,8,7,6,5).
2. This range also can be chased within creator's space as ascendance range (1,3,5,7,9) and same also can be chased as a transcendence range (9,7,5,3,1).
3. This transcendence and ascendance phenomena can be simultaneously chased along the four fold artifices of OM as (9,7) and as (1,3) and the transcendental worlds shall be unifying of their own because of Brahman grace.
4. It is this chase through the artifices of OM and transcendental attainment of transcendental worlds within creator's space and parallel to it the emergence of consciousness field within intelligence field, which is of central focus of Vedic systems being availed by Vedic Mathematics, Science and Technology. .*

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FOCUS POINT SPATIAL ORDER

1. First focus of Vedic Mathematics, Sciences and Technologies of 4-space is about its spatial order.
2. Spatial Order, formally may be defined as the dimensions/axes to be of spatial format.
3. In other worlds, the dimensions/axes of 4 space are of spatial expressions.

4. Still in other worlds, it to be taken as that 2 space/plane surface is supplying the format for “dimension” of 4 space.
5. While approaching, in terms of artifices of numbers, the dimensional units of 4 space be taken as “2 as 1”.
6. While approaching, in terms of linear axes, the spatial dimension may be taken as a “Pair of axes.”
7. Within a linear axes frame for the spatial dimension, the spatial unit shall be accepting expression as 1^2 .
8. Further, the spatial unit 1^2 shall be accepting organization arrangement for itself as $1^2=1*1=1/2*2/1$.
9. The linear approach for spatial order, as such, is going to be of a pair of alternatives of working with “half”, as well as working with “double.”
10. The artifices approach to spatial order as “artifices 2” shall be making the arithmetic of spatial order as of operations of “Dimonad”.
11. “Dimonad”, formally may be defined as an interval of two units.
12. It also may be defined as a pair of interconnected spheres.
13. Still further, the Dimonad may be taken as of a feature of “Area Unit” as comparison to monad being of a feature of “length unit”.
14. While monad is to be taken as of an expression format of linear boundary of a square/circle, the Dimonad is to be taken as of expression format of spatial domain of square/circle.
15. Dimonad as a pair of monads is of feature as “two” is a pair of “ones”.
16. One may appreciate the unified wholeness of “Dimonad” being an interval of 2 units which shall not be permitting its split as a pair of intervals of identical formats as of open intervals or half open intervals or of closed intervals.
17. An attempt to split an interval of two units shall be bringing us face to face with a situation as to how a single point shall be making the whole difference for the pair of parts of the original interval.
18. Both the parts of an interval of two units may be of unit length but still while one of it would be of open and other to be of closed end with the middle point being part of one or the other.
19. This, this way, makes the middle/joint/unifying point of an interval of two units, as to be of central focus.
20. As such, the focus of spatial order is to be taken as its unifying joint for its pair of monads and that this transcendental grace is at work with unification of the transcendental worlds during the *DIVYA GANGA FLOW*.

TRANSCENDENTAL EXERCISE

One shall permit the mind to glimpse the phenomena of unification of transcendental worlds through *DIVYA GANGA FLOW* along the artifices of sole syllable *OM*.

FOCUS POINT FOUR DIMENSION

1. In the background of the first focus of Vedic Mathematics, Sciences and Technologies of 4 space about its spatial order, the next focus point is about its 4 dimension as comparison to 3 dimensions of Slab/Cube.
2. As such, the setup of hyper cube 4 format distinguishing itself from that of the format of the Cube, not only in terms of the expression formats for the dimensions but also in respect of number of their dimensions as well.
3. The scriptures focus about these features together as that Lord Brahma is a four head Lord with its each head being equipped with a pair of eyes.
4. Four heads of Lord Brahma are parallel to four dimensions of 4 space/hyper cube 4.
5. Each dimension being of complete sets of features contributing distinctively for the structural features of the domain fold, as such the organization of knowledge availing this organization format emerges to be as four distinct Vedas.
6. Accordingly, scriptures preserves the enlightenment as that the first Veda namely, the Rig Veda knowledge is unfolded by the creator through its first mouth.
7. The knowledge of second Veda namely of Yajur Veda is unfolded by the creator through His second mouth.
8. The knowledge of third Veda namely of SAMA Veda is unfolded by the creator through His third mouth.
9. The knowledge of fourth Veda namely of Atharv Veda is unfolded by the creator through His fourth mouth.
10. It is this quarter by quarter approach which is sequentially followed in this scripture as different folds of sole syllable *OM*, unfolding, firstly *OM* as *OM*, secondly *OM* as *PARNAVA*, thirdly *OM* as *AUM* and finally *OM* as *OMKAR*.
11. These four folds being the states of sole syllable *OM* as such these may be taken as of identical features but simultaneously as these being of sequential arrangement of four distinct quarters, as such each of these folds deserves to be approached as per their distinct features of concerned quarters.
12. These four folds as four distinct states of sole syllable *OM*, when approached along artifices of numbers makes 1 as 4 and 4 as 1.
13. With this, four as one, and four as tetra-monad, the said four folds/states shall be permitting sequentially coordination as 1,2,3,4 and parallel to it would follow the dimensional bodies, namely interval, square, cube and hyper cube 4 and there by this shall constituting a measuring rod for 4 space.
14. It is this way, that these four folds as four distinct states deserve to be chased parallel to the four head of creator the supreme.
15. As such, this four folds approach has grand unification along the format of hyper cube 4 which even has been accepted by creator himself for manifestation of his own idol.

16. The transcendental feature of this grand unification take us to attainments of the order of the creator being the presiding deity of measure of measuring rod of Vishnu-Lok/Sun/Pursha format and whole range of applied values of Sathapatya Upved of Atharv-Ved.
17. Students of Vedic Mathematics, Sciences and Technologies of creator's space shall comprehend both these feature well.
18. One shall permit one's mind to transcendence through the creator's space with focus upon pair of these features.

TRANSCENDENTAL EXERCISE

It may be a blissful exercise for the Sadhkas to sequentially transcendence through the four dimension of spatial order of creator's space.

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FOCUS POINT FOUR FOLD MANIFESTATION

1. Four spatial dimensions leading to a four fold measuring rod focuses upon the four fold manifestation format of hyper cube 4 as representative regular body of 4 space.
2. Amongst other feature of this format, one feature of it, which is central importance is to have flow for the dimensional contents by having transition through their different states.
3. In manifestation format, as such emerges as a manifestation layer, which illustratively in the context of 3 space (solid) content, beginning its linear dimensional order (as 1 space dimensional content as domain) transits into as boundary of spatial boundary (as 0 space content as domain).
4. With the help of other illustrative situation, it may be chased the flow of solid content (of 3 space) as domain transiting to boundary of 4 space and to dimensional order of 5 space and ultimately as dimensional axes emanating from 6 space as origin source reservoir.
5. These four folds corresponding to four positional states (of solid content or as a matter of fact, any dimensional content) together manifest a flow of dimensional content along a layer format.
6. The students of Vedic Mathematics, Sciences and Technologies comprehend and chase this applied value of Vedic's systems.
7. The layer format of flow of dimensional contents, sequentially transiting through their four distinct states making them of desired features for transcendence through a given manifestation format to the next manifestation format, is chased as the phenomena of sequential transition for first four basic elements, namely, Earth, Water, Fire and Air.
8. This macro state of sequential flow along the manifestation layer of four folds, under its unique mechanism of spatial order of creator's space, also makes available the similar format for the flow within each of its four folds, viz, for flow transition firstly form first element, namely, Earth to the second element, namely, Water and so on.
9. This simultaneous flow is of features of transitions at macro as well as at micro level.
10. It works out as a spatial order of the creator's space as of a grid format and it is, in terms of it, that the grid zones get coordinated in terms of the diagonals of the spatial zones.

11. With it the walking focus of the spatial order gets centered around the centers of the grid zones coordinated through the diagonals of the grids.
12. This focus upon the centers of grid zones and their coordination in terms of diagonals works out a mechanism of simultaneous handling of ascendance and transcendence through grid zones with the help of the triple grids formats super imposed upon each other, and designated as the base grid, central grid and upper grid.
13. The central grid is sustained by the base grid such that the centers of grid zones of base grid manifesting as the grid corners of the central grid.
14. The upper grid is so superimposed as that its corners are of placements as of the corners of the base grid.
15. This formation of grids, may formally be designated and named as *Vrishni* formation.
16. This arrangement of *Vrishni* formation during ascendance and transcendence takes from spatial order to hyper spatial and super hyper spatial orders and to their reverse as from super spatial order to hyper spatial order and ultimately to the spatial order.
17. The Sadhkas shall permit their transcending mind to be through these orders as content flow of the states of first three elements, namely, Earth, Water and Fire as spatial order, hyper spatial order and super spatial order within creator's space.
18. Parallel to it may be chased the phenomena of sensory field, intellectual field and the consciousness field as glimpses domains of physical eye, intellectual eye and transcendental eye.

EXPERIENTIAL EXERCISES

One shall go in trans time and again availing *Vrishni* format and to chase the super spatial, hyper spatial and spatial orders.

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REVISITING THE GYAN YAJANA STEPS

1. One may have a pause here and revisit the Gyan Yajna steps.
2. It is a twelve years gyan Yajna.
3. Each year is to be approached as of four quarters.
4. Each quarter is to be approached as twelve weeks duration spreading over three months.
5. Each week is to be approached as of five days duration.
6. This way five steps a day and sixty steps a quarter shall be making a total range of 240 steps a year.
7. Here we are in the first quarter, and in its 51st step (may be taken as 51 lesson).
8. This step / lesson, this day is being devoted for revisiting the Gyan Yajna steps.
9. As such one shall be through the previous fifty steps taken so far to have a fresh look of the attainment so far.

10. This year is devoted to ‘Creator space (4 space)’ and its four quarter are sequentially to be approached as ‘creator space (4 space)’, ‘unity state alphabet’, ‘incarnations’ and Vedic technology.

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REVISITING THE ONE’S APPROACH

1. Here one shall again have a pause and revisit one’s own approach of the Gyan Yajna attainments.
2. Creator space (4 space) is the space of values embedded in each creation.
3. One shall approach oneself as a ‘created one’.
4. Being a created one, it has law of creations to be followed and obeyed.
5. As such one shall always consciously go for reevaluating one self.
6. The more one will be serious about one self, the more one will be knowing that least he knows is about himself.
7. This expending ignorance, consciousness shall be a cause for intensifying one’s urge to know more and more about one self.
8. It is this urge and its intensity which shall be silently playing its role.
9. At every opportunity one shall have a fresh look at one’s ignorance and intensify one’s urge to know more and more about one self.
10. This as a result shall be at every step focusing one’s attention towards features and values of creator space (4 space).

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REVISITING SUN TO EARTH RANGE

1. This shall be silently putting the intensity of urge to know along Earth to Sun range.
2. It is chase of Earth to Sun range which shall be satisfying about the mysteries of our existence phenomenon.
3. Ancient wisdom approaches Earth to Sun range as Yoga Nishtha along geometric format.
4. And as Sankhya Nishtha, this range is approached along artifices of numbers.
5. The artifices of numbers range parallel to Earth to Sun range is of artifices 1 to 6.
6. The geometric formats range parallel to Earth to Sun range is of formats of 1-space to 6-space.
7. Further parallel to it is the range of hyper cubes 1 to 6 being the representative regular bodies of 1 to 6-space.
8. Sathapatya Ved approaches it in terms of a measuring rod synthesised by hyper cubes 1 to 6.
9. Parallel to it is the Shad Chakra format of human frame.

10. One shall sit comfortably and permit the transcending mind to chase Earth to Sun range time and again.

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REVISITING FEATURES OF CREATOR'S SPACE

1. One shall continuously take the exercise of chasing the features of creator space (4 space).
2. This chase may be parallel to the features of idol of Lord Brahma, creator the supreme.
3. It is to be of the format of hyper cube 4.
4. Further it may be of the order of manifestation layer (1, 2, 3, 4).
5. In general it may be of the order of four fold manifestation layer (N, N+1, N+2, N+3) for all values of N.
6. It shall be bringing to focus 4 x 4 format for different roles of each space.
7. In particular, 4-space itself, for its different roles shall be of the expression format

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
8. This as such shall be availing the unity state range (1, 2, 3, 4,5 , 6, 7).
9. It as such shall be the expression range of (1-space, 2-space, 3-space, 4-space, 5-space, 6-space, 7-space) / (range of 7-space of consciousness).
10. It as such shall be extending Earth to Sun range to Earth to Pole Star range.

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REVISITING ONE'S EVALUATION OF ONESELF

1. For revisiting one's evaluation of oneself, one is to avail the seven consciousness states range.
2. It begins with waking state and takes up till the unity state of consciousness.
3. Parallel to it would be the Earth to Pole star range (Earth, Water, Fire, Air, Space, Sun, Pole Star).
4. Sequentially one shall be transiting from Earth element to Water element and parallel to it would be the transition from waking state of consciousness to dream state of consciousness.
5. Likewise, a step ahead there would be a transition from Water element to Fire element and parallel to it there would be a transition from dream state of consciousness to deep sleep state of consciousness.
6. Ahead transition from Fire to Air element would run parallel to transition from Deep sleep state of consciousness to cosmic state of consciousness.
7. Ahead, Air to Space would be parallel to cosmic state to transcendental state.

8. And still ahead from Space to Sun would be parallel to transcendental state to God state.
9. And finely from Sun to Pole Star would be parallel to God state to unity state of consciousness.
10. As such one is to learn unity state of consciousness alphabet to have chase of one's own evaluation of oneself.

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GYAN YAJANA: CONCEPT AND STEPS

1. Gyan yajna concept and steps of first year are all about creator space (4 space).
2. It is all about the way Lord Brahma, Creator the Supreme creates.
3. It is also all about the values range of all creations.
4. It is also about the way values of creations manifest and express.
5. As to know the way one is to chase one's evaluation of oneself by learning unity state consciousness alphabet, as such after knowing about creator space (4 space), the next step would be to know about unity state alphabet.
6. From unity state alphabet, one is to know the way incarnations emerge and manifest.
7. It would be all about Vedic technology / Discipline of Vedic mathematics, science and technology of Pursha format.
8. This as such, would run over the sections 'creator space (4 space), manifestation layer, transcendental worlds and transcendental ranges'.
9. Unity state alphabet is to be about the manifestation layer (4, 5, 6, 7).
10. Incarnations and Vedic technology are to be about the transcendental ranges formats of transcendental worlds.

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CREATOR'S SPACE

1. Creator space (4 space) is to be chased for applied values of its four fold manifestation format.
2. This chase, as such shall be chase of hyper cubes.
3. As well it shall be chase of manifestation layers.
4. The feature of manifestation layers which permits transcendence inter-se the manifestation layers shall be of central focus.
5. It shall be transiting to the transcendental ranges.
6. Transcendental range being of five fold, it would amount to synthesing and additional fold for the manifestation layers.
7. A step ahead it shall be leading to self referral ranges of 6 folds.

8. And step ahead there would be a seven folds expressions for the unity state expressions.
9. It is this sequential extension for manifestation layers for their unity state expressions, which becomes the blissful fruit of the knowledge of creator space (4 space).
10. This, this way would focus upon transitions from manifestation layers to transcendental worlds and upon the transcendental ranges.

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MANIFESTATION LAYER

1. Manifestation layer as expression of dimensional body deserve to be sequentially chase.
2. One may begin with cube as representative regular body of 3-space and have its chase as a manifestation layer (1, 2, 3, 4).
3. Here 1-space plays the role of dimension, 2-space plays the role of boundary, 3-space as domain and 4-space as origin.
4. A step ahead hyper cube 4 shall be of expression format of manifestation layer (2, 3, 4, 5).
5. Here 2-space shall be playing the role of dimension.
6. As many as four spatial dimensions shall be constituting a four dimensional frame.
7. Ancient wisdom approaches it as Swastik.
8. The solid boundary of hyper cube 4 is of eight components.
9. It is parallel to a cut of 3-space into 8 octants.
10. And at the center of the cube is lively 4-space itself as hyper cube 4 of the features of idol of Lord Brahma, creator the supreme.

TRANSCENDENTAL WORLDS

1. Transcendental worlds are lively at the origin of creator space (4 space).
2. It is of the features of idol of Lord Shiv.
3. It is a five dimensional solid order space.
4. It is of the manifestation layer expression format (3, 4, 5, 6).
5. Solid order is parallel to triple eyes in each of the five heads of Lord Shiv.
6. Five heads are parallel to five dimensions.
7. Transcendental worlds have creative boundary.
8. And have self referral origin.
9. These features of transcendental worlds make them really transcendental.
10. One shall sit comfortably and permit the transcending mind to remain in deep sittings of trans to glimpse these transcendental feature of the manifestation layer (3, 4, 5, 6) as expression format of hyper cube 5 being the representative regular body of 5-space /transcendental worlds.

TRANSCENDENTAL RANGES

1. Transcendental ranges are of five folds.
2. These have additional fold for the respected manifestation layers.
3. Fifth fold is the base of the origin fold.
4. As origin itself gets base, as such the origin values get fountained within dimensional domain.
5. It is this feature of origin values getting fountained into the dimensional domain, which deserve to be chased.
6. It would be the phenomenon of the creator space (4 space) getting fulfilled with transcendental values.
7. With it the manifestation layer (2, 3, 4, 5) shall be transiting and transforming into the manifestation layer (3, 4, 5, 6).
8. This transition and transformation process deserve to be chased.
9. It would bring to focus, in reverse orientation, a process of transition and transformation from manifestation layers into transcendental ranges as a transcendence phenomenon.
10. One shall sit comfortably and permit the transcending mind and chase this phenomenon.

UNITY STATE ALPHABET

1. Unity state alphabet is of features and values of unity state consciousness.
2. Being of the features and values of the unity state consciousness, the unity state alphabet attains unity state consciousness for the sadkhas.
3. Sadkhas / students of unity state alphabet urge to attain unity state of consciousness in terms of features of unity state alphabet, in fact being, the features of unity state of consciousness itself.
4. In other worlds, features of unity state of consciousness, constitute alphabet of unity state of consciousness itself, and as such it is designated as unity state alphabet.
5. Unity state of consciousness is the seventh state of consciousness and as such it of the order and features of 7-space itself.
6. 7-space is of transcendental order.
7. 7-space as origin fold is the forth fold of the manifestation layer (4, 5, 6, 7).
8. Transcendental order is provided by 5-space in the role of dimension.
9. 5-space as origin fold is the fourth fold of the manifestation layer (2, 3, 4, 5).
10. As such for script form, format and features of unity state alphabet, the pair of manifestation layers, namely (4, 5, 6, 7) and (2, 3, 4, 5) have basic role to play.

ROLE OF PAIR OF MANIFESTATION LAYERS (4, 5, 6, 7) AND (2, 3, 4, 5)

1. To approach unity state alphabet for its features and values, first of all, one shall focus upon the role of pair of manifestation layers (4, 5, 6, 7) and (2, 3, 4, 5).
2. The manifestation layer (4, 5, 6, 7) is of creative dimensional order as that here 4-space plays the role of dimension.
3. Further it is of transcendental boundary as 5-space plays the role of boundary of self referral domain.
4. Still further it is of self referral feature as that here 6-space plays the role of domain / self referral domain.
5. Above all, 7-space being the origin fold as such source origin of self referral domain is of unity state consciousness values.
6. Therefore self referral domain, in the process gets fulfilled with unity state consciousness values and features.

7. The manifestation layer (2, 3, 4, 5) is in a way a dimensional order of the manifestation layer (4, 5, 6, 7) as that every fold of (2, 3, 4, 5) respectively plays the role of the dimension of the corresponding folds of the manifestation layer (4, 5, 6, 7).
8. With it, it emerges as that, the different folds of the manifestation layer (2, 3, 4, 5) shall be playing the role of dimension for the corresponding folds of the manifestation layer (4, 5, 6, 7).
9. Further with it, it would emerge that the script form, frame, format and features of the unity state alphabet letters would be settled in terms of the features of the manifestation layer (2, 3, 4, 5).
10. The organization format of such letters as of the order and values of the manifestation layer (2, 3, 4, 5) shall be of the potentialities for ensuring attainment of the unity state of consciousness as the origin fold of the manifestation layer (4, 5, 6, 7).

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SCRIPT FORM, FRAME, FORMAT AND FEATURES

1. Four folds of the manifestation layer (2, 3, 4, 5) respectively provide for script form, frame, format and features of the letters of unity state alphabet.
2. Script forum of the letters are provided by 2-space in the role of dimension / spatial order.
3. Square / circle / surface, as such shall be providing script forum for the letters.
4. As 5-space, as origin source manifestation layer (2, 3, 4, 5) is to provide for the features of alphabet letters, as such this alphabet is designated and is known as Devnagri alphabet / gods city language alphabet (of transcendental values).
5. With it is to be taken as that the script form of Devnagri alphabet letters is settled by the spatial order / 2-space in the role of dimension / square / circle / surface.
6. It is this spatial feature of the script form which deserve to be chased letter by letter, as well on the whole.
7. For its appreciation, one shall have a fresh look at the script form of Devnagri alphabet reaching us and being availed at present.
8. Its specific classification as vowels, consonants and yamas may be approached category wise.
9. Consonants divisions as varga consonants, Anthstha and Usmana as well may be approached division wise.
10. Yamas, self contained sequential order, as such may be approached in that sequence and order.

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DEVNAGRI ALPHABET SCRIPT FORM REACHING US

The Devnagri alphabet script form is reaching us as follows:-

अ इ उ ऋ लृ ए ओ ऐ औ

VARGA CONSONANTS

Following are the 5x5 varga consonants of devnagri alphabet.

क ख ग घ ङ

च छ ज झ ञ

ट ठ ड ढ ण

त थ द ध न

प फ ब भ म

ANTHSTHA USHMANA LETTERS

Anthstha letters: Following are the four anthstha letters.

य व र ल

Ushmana letters: Following are the four ushmana letters.

श ष स ह

Composite letters: Following are the three composite letters

क्ष त्र ज्ञ

Yama letters: Following are the eight yama letters.

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VOWELS RANGE

1. Vowels range of Devnagri alphabet is nine steps long.
2. The sequential order of this range is as
इ उ ऋ लृ ए ओ ऐ औ
3. Parallel artifices range is
(1, 2, 3, 4, 5, 6, 7, 8, 9).
4. Another parallel dimensional spaces range is

- 1-space, 2-space, 3-space, 4-space, 5-space, 6-space, 7-space, 8-space, 9-space
5. Hyper cubes sequence range of nine steps would be
HC-1, HC-2, HC-3, HC-4, HC-5, HC-6, HC-7, HC-8, HC-9
 6. These hyper cubes as tracks of Bindu Sarovar / structured points shall be of the range values :-
HC-1 as a track of a Bindu Sarovar of 0-space domain
HC-2 as a track of a Bindu Sarovar of 1-space domain
HC-3 as a track of a Bindu Sarovar of 2-space domain
HC-4 as a track of a Bindu Sarovar of 3-space domain
HC-5 as a track of a Bindu Sarovar of 4-space domain
HC-6 as a track of a Bindu Sarovar of 5-space domain
HC-7 as a track of a Bindu Sarovar of 6-space domain
HC-8 as a track of a Bindu Sarovar of 7-space domain
HC-9 as a track of a Bindu Sarovar of 8-space domain
 7. As parallel to linear track, there may be a circular track, like circumference corresponding to straight line, as such there would be a pair of track forms.
 8. As each track would permit split as beginning, middle and end, as such every format accordingly shall be of three parts.
 9. Parallel manifestation layers sequence members shall be
(1 2 3 4), (2 3 4 5), (3 4 5 6) (4 5 6 7) (5 6 7 8) (6 7 8 9) (7 8 9 10) (8 9 10 11) (9 10 11 12)
 10. Above features of sequential formats of vowels would deserve to be chased sequentially vowel wise to have a comprehension view of the applied values formats of the vowels of the Devnagri alphabet

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18 FRAMES FOR EACH VOWEL

1. Ancient wisdom preserves 18 frame values for each vowel of Devnagri alphabet.
2. In respect of first vowel, these frames are as follows:-
3. is the beginning / upper part of linear format while is the beginning / upper part of the circular format.
4. Likewise are the middle and lower / end parts of both formats reproduced above in the first and third and the third row in their first and fourth columns above.
5. Here It would be relevant to note that parallel to $1+1 =2$ and $1+1+1 =3$, there are 3 sequential expressions for each of the three parts of linear as well as circular expressions of the first vowel, which together may count of eighteen frames as reproduced above.

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SCRIPT FORM OF FIRST VOWEL

1. Script form of first vowel as () is of spatial features.
2. It is the printout of 3-space body in 4-space along spatial dimension.
3. It may be approached as a cube placed upon four legged table.
4. It is like a container on a base.
5. It reflects as of features of a carriers range up till base.
6. Being a solid domain container of carrier feature, it shall be of a vertically downward track.
7. Volume of solid domain as content being carried shall be as third fold of a manifestation layer being carried.
8. Third fold accepting first fold in dimensional order, as such ultimately would be the repository of such carriers features with it 1-space would emerge as the features repository format of first vowel.
9. 1-space as a track of a moving point (body of 0-space) shall be simultaneously focusing upon '0' as well as '1' as units.
10. Moreover as part as well as whole, both would permit association as a unit value, as such " as a part, as well as 'v ' as whole, for their roles would require to be consciously distinguished and deciphered as the end fruit of applied values of first vowel () as it is being accepted as the last / concluding sutra of Ashtadhyey, the source grammar book of Sanskrit.

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TRANSITION FROM FIRST VOWEL TO THE SECOND VOWEL

1. Transition from first vowel to second vowel would be parallel to transition from artifice 1 to artifice 2.
2. Further it would be parallel to 1-space to 2-space.
3. Also it would be parallel to interval to square.
4. It would be of the feature of transition from hyper cube 1 to hyper cube 2.
5. The same would be of the format of manifestation layer (1, 2, 3, 4) to (2, 3, 4, 5).
6. As the format of 1-space as well as 2-space in their different roles shall be availing 4 x 4 square formats, as such transition shall be attainable as for the 4 x 4 formats for N=1 and 2 respectively in respect of the following d

N	N+1	N+2	N+3
N+1	N+2	N+3	N+4
N+2	N+3	N+4	N+5
N+3	N+4	N+5	N+6
7. The transition is to be along 7 steps long unity range, namely d

N+1	N+2	N+3	N+4	N+5	N+6
-----	-----	-----	-----	-----	-----
8. Along artifices of numbers, this range (0, 1, 2, 3, 4, 5, 6).
9. Along dimensional formats it shall be of the range (0-space, 1-space, 2-space, 3-space, 4-space, 5-space, 6-space).

10. This transition from first vowel to second vowel, accordingly deserves to be chased for its above all features as well as for their all connected traits and characteristics.

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SECOND VOWEL

1. Let us have a fresh look at the script form of second vowel (ꣳ).
2. To have pointed focus upon different features of this script form, let us have its enlarged depiction as follows
3. To have focused catch of the script feature of second vowel, the same also deserves to be viewed along with that of the first vowel.
4. The first vowel focus as upon its solid domain / cube and the focus of second vowel upon its screw drilling process would bring to focus as that the first vowel takes uptill the center of the domain while second vowel drills through the center of the domain.
5. In the process, may be taken as that seal of the center of the origin gets broken / unsealed the drilled through.
6. It would be like transcending through origin.
7. Attainment would be of the order of going from domain to its origin, and also as going from origin to its base.
8. All this of the order and values of going from 'N to N+1'.
9. Sequentially it would mean going from '1, 2, 3, 4' to '2, 3, 4, 5'.
10. Also it would mean transiting from (1, 2, 3, 4, 5) to (2, 3, 4, 5).

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TRANSITION FROM SECOND VOWEL TO THE THIRD VOWEL

1. Transition from second vowel to third vowel would be a sequential step ahead of transition from first vowel to second vowel.
2. As such it would be a step ahead of transition from artifice 1 to artice 2, i.e. from artifice 2 to artifice 3.
3. Likewise it would be a step of sequential transitions from N to N+1 for N=1 and 2.
4. Likewise would be the sequential step for geometric formats, hyper cubes as well as the manifestation layers.
5. As transition from first vowel to second vowel has been a step from origin to base of origin, and as it would be a drilling through the origin, as such a step ahead would be a phase and stage of domain splitting into a pair of domains.
6. It would be like a sphere splitting into a pair of hemisphers.
7. Also it would be parallel to split of a frame into a pair of frames.
8. One may have a fresh look at the script form of third vowel (ꣴ).

9. One may further have a fresh look a three dimensional frame and see the way it is synthesised as a pair of three dimensional frames of half dimensions.
10. It would be there because of origin of 3-space being a spatial order 4-space.

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SPLIT OF A FRAME INTO A PAIR OF FRAMES

1. Spatial order 4-space as origin of 3-space is responsible for synthesis of pair of frames into a single integrated frame.
2. It is because of the spatial order of 4-space that a three dimensional frame splits into a pair of three dimensional frame of half dimension..
3. It also would help comprehend the split of 3-space into eight octants.
4. It also would help chase split of solid boundary of 4-space as of eight octants.
5. Further it would help appreciate as that a three dimensional frame of half dimensions is embedded into all the eight corners of a cube.
6. Still further it would help us chase surface printout for four directions and four sub directions as well.
7. It would be relevant to note that $8 = 2 \times 2 \times 2$ is a sequential step ahead of $1 \times 1 \times 1$.
8. As such the working with dimensional frames of half dimensions would be a unique feature of spatial order 4-space.
9. Further it would help us imbibe the values of mathematics of 2 as 1.
10. And step ahead would be a mathematics of 3 as 1.

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FIRST MAHESHWARA SUTRA

1. First Maheshwara Sutra coordinates first three vowels.
2. The coordination is in terms of 'Anubandas'.
3. Anubanda literally means to follow the bound / limit.
4. It is like enclosure / boundary of the expression zone like circumference of a circle.
5. Anubanda is a limit / limiting point of the expression range of the letters coordinated in terms of the Anubanda.
6. Here 'अ' is the anubandha.
7. One may have a fresh look at this script form of 'अ'.

8. It is of three parts, a vertically downward flow, horizontal flow and vertically upward flow.
9. Sequentially these parts depict the respective flow bounds of three vowels tracks formats.
10. First vowel as a vertical downward flow up till its limit, second vowel as of horizontal flow and third vowel as of vertically upward flow limits

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SECOND MAHESHWARA SUTRA

1. Second Maheshwara Sutra coordinates fourth and fifth vowels.
2. These are coordinated with Anubanda letter 'क'.
3. Fourth vowel is of the features and values of 4-space.
4. Fifth vowel is of the features and values of the 5-space.
5. Here both, namely fourth and fifth vowels, and as such 4-space and 5-space features and values are being together coordinated.
6. Ancient wisdom preserves the meanings of letter 'क' as brahma as well as Shiv.
7. Lord Brahma is the overlord of 4-space.
8. Lord Shiv is the overlord of 5-space.
9. 4-space as manifestation layer (2, 3, 4, 5) is having a transcendental origin.
10. It is the phenomenon of creator space (4 space) being of the potentialities to be fulfilled with transcendental values.

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FOURTH VOWEL

1. One shall have a fresh look at the script form of fourth vowel (ऌ).
2. As first three vowels are coordinated by same anubandha (ऋ) as such the script form is to be approached only in this background and as a step ahead of the coordination bounds of first three vowels.
3. The coordination bounds of first three vowels are like coordination of three axes of three dimensional frame but put in a sequential order of a measuring rod synthesised by representative regular bodies of 3-space namely by internal, square and cube.
4. This way it also may be viewed as a phenomenon of existence of intervals, squares and cubes within cube.
5. With it cube becomes the bound / limit.
6. One may have fresh look at the script form of anubandh 'ऋ'.
7. It is like having a printout along a vertical plane.
8. The script form with a focus upon halanth part indicates as that transcendence through the bounds of surface boundary of cube would be permissible but that would lead to be out of the 3-space domain.

9. Further as that, that transcendence shall be a transcendence from linear dimensional order to spatial dimensional order.
10. This shall be chased to reach at the script form of fourth vowel which is like a take off posture for to be in space ahead.

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COMPOSITION OF FOURTH VOWEL

1. Ancient wisdom further enlightens as that fourth vowel is of a composite features of letter raif as well as of second vowel.
2. And It would be relevant to note that anubandh 'क' of fourth and fifth vowels is a composite domain of creative values as well as of transcendental values.
3. It is because of this feature that inner structural folds of anubanda 'd' are of values and virtues of letters 'raif', makar, lakar and hakar'.
4. This, as such would help us comprehend and appreciate the composition split for fourth vowel as raif and second vowel.
5. This split available as such, shall be focusing upon the second vowel as a spatial order to be availed for processing within the creator space (4 space).
6. It in a way would mean a shift from dimensional domain to dimension to dimension.
7. 3-space as domain of (linear order), a step ahead in 4-space shall be leading to working with spatial dimensions.
8. Being four dimensional frame, it would, as such require quarter by quarter approach for the chase of applied values within creator space (4 space).
9. This would help us comprehend and appreciate the composition of Swastik.
10. One shall sit comfortably and permit the transcending mind to chase script form as well as position split of fourth vowel.

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COMPOSITION OF FIFTH VOWEL

1. Composition of fourth vowel accepts split as raif and second vowel.
2. Composition of fifth vowel accepts split as 'lakar, raif and second vowel'.
3. While fourth vowel composition is of pair of letters, a step ahead fifth vowel composition accepts three parts.
4. It is parallel to 4-space being of a spatial order and 5-space being of a solid order.
5. Further It would be relevant to note that 'raif' letter is of the values and order of 3-space within first inner fold of letter 'क' and letter lakar is of values and order of 5-space within third fold of letter 'क'.

6. This inter connection of 3-space and 5-space as dimension and domain folds would help chase transition from composition of fourth vowel to the composition of fifth vowel.
7. It would be blissful exercise to chase fourth and fifth vowel together in reference to their compositions of two parts and three parts respectively but simultaneously accepting a common anubandha 'क'.

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GEOMETRIC FORMAT OF LETTER 'क'

1. As letter 'क' admits meaning as Lord Brahma, as well as Lord Shiv, as such its geometric formats shall be of features parallel to idols of Lord Brahma as well as of Lord Shiv.
2. Idol of Lord Brahma is of the format of hyper cube 4,
3. Idol of Lord Shiv is of the format of Hyper cube 5.
4. Hyper cube 4 is of the values and order of manifestation layer (2, 3, 4, 5).
5. Hyper cube 5 is of the values and order of manifestation layer (3, 4, 5, 6).
6. With it the format of letter 'd' is of features of pair of manifestation layer (2, 3, 4, 5) and (3, 4, 5, 6).
7. The pair of manifestation layers (2, 3, 4, 5) and (3, 4, 5, 6) are of transcendental range base (2, 3, 4, 5).
8. Accordingly creator space (4 space) would get fulfilled with transcendental values of 5-space along self referral base (6-space).
9. It would be blissful exercise to chase the geometric format of letter 'd'.
10. Further it would be a blissful exercise to chase coordination of fourth and fifth vowels along geometric format.

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GEOMETRIC FORMATS OF SIXTH TO NINTH VOWELS

1. Sequentially sixth to ninth vowels are approachable in terms of artifices 6 to 9 respectively.
2. Parallel to it chase would be permitted along geometric format of 6-space to 9-space respectively.
3. Still further these may be chased along formats of hyper cube 6 to hyper cube 9 respectively.
4. Still further is being chased respectively as manifestation layers (6, 7, 8, 9), (7, 8, 9, 10), (8, 9, 10, 11) and (9, 10, 11, 12) .
5. Third Maheshwara Sutra coordinates sixth and seventh vowels.

6. Fourth maheshvara sutra coordinates eighth and ninth vowels.
7. Third Maheshwara Sutra and fourth maheshwara sutra shall be availing pair of manifestation layers each and shall be synthesizing a pair of transcendental ranges, one each in case of third and fourth sutras.
8. The pair of transcendental ranges synthesized self referral range.
9. Three transcendental ranges of second third and fourth Maheshwara Sutra deserve to be chased individually as well as in pairs and also all the three together, like the first Maheshwara Sutra coordinates a set of three manifestation layers.
10. It would be blissful exercise to sequentially chase nine vowels along their respective geometric formats.

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ALONG NINE VERSIONS OF HYPER CUBE 4

1. Hyper cube 4 accepts nine versions parallel to nine geometries of 4-space.
2. This range of nine versions of hyper cube 4 may be availed for chase of nine vowels range.
3. Hyper cube 4 being of a spatial order, it may accept re-organization as -4, -3, -2, -1, 0, 1, 2, 3, 4.
4. This as such, being parallel to the boundary components of pair of parts of solid boundary of hyper cube 4, may be taken as a range of geometries of negative signature, zero signature and positive signature.
5. Zero signature geometry / version of hyper cube 4 is completely free of the boundary.
6. With its placement at the middle, it shall be having four positive geometries on its one side and four negative geometries on its other side.
7. Bend at the middle as origin, shall be permitting re-organisation for pair of parts as pair of axis of four steps each from the origin.
8. One way to re-organize these steps in term of pair of coordinates with reference to steps along each axis may be as follows
 (-4, +4), (-4, +3), (-4, +2) (-4, +1) (-4, 0)
 (-3, +4), (-3, +3), (-3, +2) (-3, +1) (-3, 0)
 (-2, +4), (-2, +3), (-2, +2) (-2, +1) (-2, 0)
 (-1, +4), (-1, +3), (-1, +2) (-1, +1) (-1, 0)
 (0, +4), (0, +3), (0, +2) (0, +1) (0, 0)
9. This, as such shall be providing 5 x 5 format for transition from vowels to 5 x 5 varga consonants.
10. A step ahead while proceeding along the format of hyper cube 5, another 5 x 5 matrix format would emerge.

5 X 5 MATRIX FORMAT ALONG HYPER CUBE 5

1. Non zero signature versions of hyper cube 5 shall be accepting re-organization along 5 x 5 matrix format as follows
 (-5, +5) (-5, +4) (-5, +3) (-5, +2) (-5, -1)
 (-4, +5) (-4, +4) (-4, +3) (-4, +2) (-4, -1)
 (-3, +5) (-3, +4) (-3, +3) (-3, +2) (-3, -1)
 (-2, +5) (-2, +4) (-2, +3) (-2, +2) (-2, -1)
 (-1, +5) (-1, +4) (-1, +3) (-1, +2) (-1, -1)
2. It would be a blissful exercise to have a simultaneous chase of 5 x5 matrix formats of hyper cube 4 format and hyper cube 5 format coordinating different versions of hyper cube 4 and hyper cube 5 respectively.
3. It is this common matrix format for coordination's of versions of hyper cube 4 and of hyper cube 5 whose chase may help have insight of the when insight about the meanings of first varga consonant (d) as Lord Brahma, as well as, Lord Shiv.
4. This insight would further help to have simultaneous organization of Rigved Samhita as ten mandals, as well as eight austhaks.
5. First row of 5 x 5 matrix format shall be sequentially arranging the geometric formats of 'd' varga consonants.
6. Likewise second, third, fourth and fifth rows of 5 x 5 matrix format shall be respectively, in that sequence and order shall be providing geometric formats for cha varga, ka varga, ta varga and pa varga consonants.
7. These formats as well be of hyper cube 4 features as well as of hyper cube 5 features.
8. With it for each varga consonants there shall be a pair of formats (of hyper cube 4) and of hyper cube 5 features.
9. With this, each varga consonant shall be having interactive pair of layers along a transcendence base.
10. This being so each varga consonant shall be of transcendental values, and all varga consonant together shall be of the order and values of the transcendental worlds.

KA VARGA CONSONANTS

1. Ka varga consonants row is of five letters.
2. The first row of 5 x 5 matrix formats (of hyper cube 4 and hyper cube 5 features) shall be sequentially providing geometric formats for the five letters of ka varga letters.
3. Along hyper cube 4 format these letters shall be sequentially of the versions of hyper cube 4 of features (4, 4), (4, 3), (4, 2) (4, 1) (4, 0).
4. Symbolic representations for these sequential formats would be as follows:-

5. Likewise hyper cube 4 format shall be providing sequential geometric formats of different versions of hyper cube 5 of the values (5, 5) (5, 4) (5, 3) (5, 2) (5, 1) (5, 0).
6. The symbolic representations for these sequential formats would be as follows:-

FIRST GEOMETRY

SECOND GEOMETRY

THIRD GEOMETRY

FOURTH GEOMETRY

FIFTH GEOMETRY

SIXTH GEOMETRY

SEVENTH GEOMETRY

EIGHTH GEOMETRY

NINTH GEOMETRY

TENTH GEOMETRY

ELEVENTH GEOMETRY

7. It would be blissful exercise to have a simultaneous chase of pair of formats for each of the five letters and starting with first letter namely (d) it would be a simultaneous chase in terms of (4 x 4) hyper cube 4 and (5 x 5) hyper cube 5.
8. Likewise one shall have a chase for other four letters of the row.
9. It would be relevant to note that differentiating feature for five letters of the row would be as to be the composition of the boundary of hyper cubes.
10. One shall sequentially chase the formats of the five letters of this row.

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OTHER FOUR ROWS OF VARGA CONSONANT

1. The chase of other four rows of varga consonants is to be parallel to the chase of first row of varga consonants.
2. It would be blissful to chase each row separately of Varga consonants.
3. While chasing a row, each of its five letters shall be chased sequentially.

4. The symbolic representation of hyper cube 4 format for second row shall be as follows:-

5. Further the symbolic representation of hyper cube 5 format for second row shall be as follows:-

6. Further the symbolic expressions of hyper cube 4 and hyper cube 5 format for third row shall be as follows:-

7. Still Further the symbolic expressions of hyper cube 4 and hyper cube 5 format for fourth row shall be as follows:-

Figure

8. And ahead the symbolic expression for fifth row would be as follows:-

Figure

9. It would be blissful exercise to have a full expression for all the rows along hyper cube 4 format as follows
10. And of hyper cube 5 format as follows

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COLUMN WISE CHASE OF 5 X 5 MATRIX FORMATS

1. Parallel to row wise chase of varga consonants, there can be a column wise chase of varga consonants as well.
2. 5 x 5 matrix shall be permitting its split as 5 columns.
3. Each column (from top to bottom) shall be of five steps.
4. Chase of each column is to be sequential in the order of the placement of letters in the row.
5. It would be a blissful exercise to chase transition from one column to the other column.
6. At each step of transition from one column to another column, as there would be simultaneous progressions for the rows as well, as such rows progression steps as well shall be simultaneously viewed.
7. As a end result the attainments of column wise transition would be parallel to the end result of row wise transition, as such this feature shall be re evaluated.

8. Further as 5 x 5 matrix format shall be having pair of main diagonals and parallel diagonals to the main diagonals, as such diagonal wise progressions as well be chased step by step to imbibe their values.
9. These approaches, may it be row wise, diagonal wise or column wise, have their own progression features.
10. All these progression feature of geometric formats of varga consonants deserve to be complied to have a comprehension view of this set up.

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4 VOWELS ANUBANDAS

1. Geometric format features of four vowels anubanda letters deserve to be chased individually as well as collectively.
2. First anubanda letter (.k) as has been pointed earlier is having a coordination of first three vowels.
3. Its placement as fifth letter of the third row, as well as third letter of fifth column, as such shall be focusing upon its different features along hyper cube 4 format as well as along hyper cube 5 format.
4. Hyper cube 4 format would be of version (2, 0).
5. Hyper cube 5 format shall be of versions (3, 1).
6. It would be relevant to note that (2, 0) is of the format of 0-space as dimensional order of 2-space.
7. And further (3, 1) shall be the coordination of 3-space with its linear dimensional order.
8. This as such shall be a sequential transition from 0 order 2-space to linear order 3-space.
9. Likewise the geometric format feature of other anubandas of vowels namely 'd [k x ?k M+' shall be chased.
10. It would be a very blissful exercise to simultaneously chase the transition features of geometric format of four anubandas of vowels as order and values (i) (2, 0), (3, 1) (ii) (4, 4), (5, 5) (iii) (4, 0), (5, 0) (iv) (3, 4), (4, 5)

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SUPER IMPOSITION OF 4 X 4 GRID UPON 5 X 5 GRID

1. Let us draw 5 x 5 grid.
2. It shall be having 4 x 4=16 grid zones.
3. Centers of these grid zones shall be constituting a 4 x 4 grid.
4. This 4 x 4 grid would get super imposed upon 5 x 5 grid base.
5. It would be parallel to spatial order 4-space as boundary of solid order 5-space.
6. As such the pair of geometric formats for varga consonants as of formats of hyper cube 4 and hyper cube 5 respectively would permit simultaneous chase as super imposed grids like feature of the domains enveloped by dimensional boundaries.
7. This feature as such, deserve to be chased in reference to formats of each varga consonants.

8. Finally, it is also to be chased for all the varga consonants, collective formats.
9. The super imposition model as well shall be facilitating chase of the transcendence process.
10. It would be a blissful exercise to comprehend features of the transcendence process in respect of every varga consonants with a focus upon domain folds of hyper cube 4 and hyper cube 5 irrespective of the composition of their respective boundaries.

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TRANSITION FROM VARGA CONSONANTS TO REMAINING LETTERS OF ALPHABET

1. 25 varga consonants are followed by 16 remaining letters of Devnagri alphabet.
2. A transition step from 5 x 5 varga consonant to 4 x 4 remaining letters, shall be parallel to the transition from 5-space domain to 4-space boundary within creator space (4 space) of spatial order.
3. 4-space as four dimensions.
4. Here it would be relevant to note that remaining 16 letters are of four groups of four letters each.
5. The four groups are designated and known as Anthsta, Ushmana and coordinated particles (yamas).
6. Anthsta means that is established in between sadhna.
7. There are four anthstas, parallel to five points accepting four gaps.

य व र ल

8. One shall have a fresh look at the script form of Anthsta letters to decipher out their characteristics features of in between state of linear and spatial order

य व र ल

9. Likewise script forms of usmana letters as well be deciphered out as features of in between states of spatial and solid order.

‘I भा स ह

10. A step ahead, yama letters would be of connected particles chase phenomenon within spatial order creator space (4 space), as being of the following script forms.

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ORGANIZATION FORMAT FEATURES OF DEVNAGRI ALPHABET

1. Nine vowels, 25 varga consonants and 16 other letters together constitute a triple artifices (9, 25, 16).
2. This triple (9, 25, 16) accepts re-organisation as $(3^2, 4^2, 5^2)$.
3. It is first triple of right angle triangle format as $5^2=4^2+3^2$.
4. With it the organization format of Devnagri alphabet would permit re-organisation parallel to right angle triangle format.

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PARALLEL TO VEDIC SYSTEMS

1. Devnagri alphabet is structured parallel to Vedic systems.
2. As such Devnagri alphabet accepts sole syllable Om (ॐ) as prefix and its transcendental synonym namely parnava 'iz.ko%' as a suffix.
3. With it Devnagri alphabet becomes $(1+50+1)=52$ letters range.
4. Artifice 52 accepts re-organisation as 4×13 which is parallel to set up of 13 edged hyper cube along each of four dimensions of 4-space.
5. This way Devnagri alphabet potentializes itself to exhaustively chase 4-space domain.

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ALONG TRANSCENDENTAL RANGE

1. Creator space (4 space) has transcendental origin.
2. With its creator space (4 space) its fulfilled with transcendental values.
3. The transcendental values permit chase as transcendental range.
4. Transcendental range is of five steps and parallel to it fifth vowel at the middle shall be permitting approach from either end (first vowel as well as from ninth vowel) along five steps long transcendental ranges (1, 2, 3, 4, 5) and (9, 8, 7, 6, 5).
5. With it bend at the middle shall be constituting 5×5 matrix format/ frame.
6. With it their shall be a transition from vowels to varga consonants.
7. Ahead super imposed 4×4 grid coordinate centers of grid zones shall be providing coordination format for remaining 16 letters.

QUARTER OF A SURFACE FORMAT

1. 5 x5 matrix format of varga consonants avails quarter of a square / surface.
2. Along artifices of numbers its chase may be as follows

11	12	13	14	15
21	22	23	24	25
31	32	33	34	35
41	42	43	44	45
51	52	53	54	55
3. Like that number codes may work.
4. One such number code of many applied values is as followed
Vedic number code

YAMA LETTERS

1. There are eight yama letters.
2. These are of the format of connected particles.
3. Particles are like Bindu Sarovars / point reservoirs.
4. Connected particles means a pair of connected Bindu Sarovars / structured points.
5. Structured points are of the format of sphere as representative regular body of 3-space providing 3rd fold (domain fold) format.
6. As such a pair of point domains would be at work here in such formats.
7. Point super imposes upon itself.
8. Point as Anuswara / following rider is the first yama / eternal path letter.
9. Point as a point sphere unfolding outward progression is a chase phenomenon of yama letters / eternal path letters.
10. One shall have a fresh look at the script forms of eight yama letters and decipher out their sequential features.

92. COMPOSITION OF LETTERS

1. The geometric formats of individual letters would permit, composition of letters as synthesis of their respective formats.
2. Sanskrit grammar as special combination rules known as Sandhi rules.
3. Also there are compound / composite letters like '{k = K'.
4. These three composite letters together with composite vowel (,) compose a very big formulation '{ks=K%'.

5. Let us follow the formulation 'd`RLua' and notice that four letters (_] R] L] U) mark their presence maintaining their individual features.
6. Single letters, pair of letters, triples quadruples chase would help have insight about the compositions of roots.
7. It also would help and insight about the compositions of words.
8. Grammar rules are to be structured presuming the existence of roots and words.
9. It also shall be presuming about fixed geometric formats for letters obeying definite synthesis rules for the geometric formats.
10. Hyper cube 4 is the basic format and as such spatial dimensional order is to play the central role.

93. SHIFT FROM EARTH ELEMENT TO WATER ELEMENT

1. Grammar rules take into account the transcendence rules for transition from one geometric format to another geometric format.
2. This essentially would be to have sequential transition from one element to another element, beginning with a shift from Earth element to Water element.
3. It would help workout transition from state to dynamic state.
4. It also would take into account the flow feature of water elements.
5. Transmigration and transportation of content would become the attainment index.
6. This would bring into the role of containers and carriers.
7. Further it would bring into play the super imposition of a format over another format.
8. It would be like simultaneous play as that of a rider and carrier, like horse.
9. The time factor and attainment limits would emerge as the evaluation features for the systems.
10. As a sequential step, shift ahead would be from water element to fire element, fire element to air element and air element to space and still ahead from Space to Sun, and this as such shall be bringing in built mechanism for the systems to cover whole range of existence phenomenon.

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SOUND TO LIGHT

1. Vedic systems work out both sound and light systems, as well as the transition from sound to light as content manifestation formats as well as, as contents carriers paths.
2. Sequential steps of sound waves are designated and known as Dwani, Nad and Anahat nad.

3. Sequential steps of light are designated and known as Parkash, Jyoti and Braham Jyoti.
4. The sequential steps of sound wave deserve to be chased step by step.
5. Likewise the sequential steps of light wave as well deserve to be chased step by step.
6. The sequential transition steps from sound step to light step, as well deserve to be chased step by step.
7. Transition from Dwani to Parkash is first transition step.
8. Transition from Nad to Jyoti is the next transition step.
9. And , transition from Anahat nad to Braham Jyoti is the final transition step.
10. One shall sit comfortably and permit the transcending mind to chase whole of the transition process of both waves manifestations formats.

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DIVYA GANGA FLOW

1. Ancient wisdom, particularly Balya Kanda of Adi Valmiki Ramayana preserves Divya Ganga flow phenomenon.
2. Divya Ganga flow phenomenon is the Jyoti phenomenon.
3. Bindu Sarovar of Om formulation is fulfilled with Jyoti.
4. It flows out as seven streams from Bindu Sarovar and takes up till the second / Ardha Matra component of Om formulation.
5. A step ahead seven stream flow splits as three streams along eastern side, and other three stream along the western side of the central flow line.
6. This as such makes out a flow path of triple artifices order and values namely (7, 3, 1).
7. The origin center of Bindu Sarovar being the Brahman source origin, and the same accepts association of artifice 9.
8. This makes the whole flow process as along quadruple artifices (9, 7, 3, 1).
9. A close look at these quadruple artifices shall be making a transcendence phenomenon of pair of artifices (9, 7) and of ascendance phenomenon of pair of artifices (1, 3).
10. It would be relevant to note that both end processing (as transcendence and ascendance) shall be fulfilling transcendental middle of order and values of artifice (5).

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TRANSCENDENTAL MIDDLE

1. Transcendental middle of the Divya Ganga flow path is of the order and values of artifice (5).

2. It is the seat of transcendental worlds (5-space).
3. As such it would be of the format of hyper cube 5 domain.
4. One shall sit comfortably and permit the transcending mind to chase 5-space domain as per the following symbol.

§

5. It is of double facet.
6. One facet, in the Divya Ganga flow process is the transcendence process of Brahman domain to unity state to transcendental domain.
7. The second facet, in the divya ganga flow process is the ascendance process of linear order to solid order to transcendental order.
8. The unity range of the Divya Ganga flow path, as such shall be seven steps long range (9, 7, 5, 3, 1).
9. The lower limb of the flow path (1, 3, 7) is parallel to linear order to 3-space to seven geometries of 3-space.
10. However, the upper limb of the flow path promises Brahman privilege of the transcendental carriers (5-space) leading to unity state (7-space) as of the privilege of Brahman values and virtues.

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LOCATION OF TRANSCENDENTAL WORLDS (5-SPACE / C)

1. Divya ganga flow, in a way locates the transcendental worlds.
2. It also fulfills the transcendental worlds with Brahman privilege.
3. It is this privilege for which the sadkhas urge and aspire for.
4. It is this urge and aspiration which takes the sadkhas to the source origin of creator space (4 space).
5. It is the location of the transcendental worlds at the origin seat of creator space (4 space), which ensures the first step on the right path of sadhna.
6. Ancient wisdom preserves Lord Brahma's enlightenment the way one can go transcendental, it is the Sun light meditation path.
7. It is the path of meditation within cavity of heart.
8. This meditation path unlocks the seal of cavity of heart parallel to unsealing the origin of creator space (4 space).
9. With unlocking of the seal, transcendental values come into play.
10. These values come into play as transcendental carriers.

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RIDING TRANSCENDENTAL CARRIERS

1. Riding transcendental carriers is the brahman privilege.

2. It is privilege of the format of ninth geometry of 4-space.
3. It is of the format of hyper cube 4 domain free of all the solid boundary components.
4. Ancient wisdom preserves the enlightenment as that in this state of meditation, the sadkha goes transcendental.
5. Parallel to Lord Brahma multiply ten fold, sadkhas as well transit and transform by riding the transcendental carriers parallel to creative boundary of transcendental domain.
6. It is this phase and stage of existence phenomenon which leads to self referral state of Braham randra, the sixth chakra of human frame.
7. It is from this self referral state of Braham randra that Jeev (Being) takes off for the unity state of existence phenomenon.
8. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon of Being taking off from Braham Randra (6th chakra).
9. And riding the transcendental carriers of Sunlight.
10. And attaining unity state of existence phenomenon.

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UNITY STATE OF EXISTENCE PHENOMENON

1. Unity state of existence phenomenon is the phenomenon of seventh state of consciousness.
2. Unity state consciousness bits manifest letters of unity state alphabet.
3. Within unity state every existence feature dissolves and unifies.
4. Because of it all alphabets dissolve and unified in unity state alphabet.
5. With it sadkhas have not to learn different alphabets individually.
6. It is the sadhana path attaining unity state of consciousness shall be making him privilege of living unity state and knowing whole range of knowledge as a single discipline of unity state alphabet.
7. Consciousness transcends intelligence.
8. With this intelligence is much left behind the consciousness.
9. It is because of it that intelligence follows the consciousness.
10. Further it is the intelligence fulfilled with consciousness ensures creative enlightenment and a step ahead, the transcendental enlightenment as well.

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BEYOND CONSCIOUSNESS

1. Beyond consciousness is the Brahamn privilege.
2. And Par Braham privilege.

3. Brahman privilege graces consciousness of its own.
4. Sadkhas to remain conscious of one's consciousness.
5. Beyond that the consciousness will take care of itself.
6. The bliss of consciousness shall be fully satisfying.
7. One may evaluate one's sadhana in terms of the index of one's bliss.
8. The intelligence approach is to be accepted only uptill the intelligence field permissible at the core of the sensory domain.
9. Beyond that is to be taken the domain of consciousness.
10. And beyond that is the privilege of Braham.

101

ONE SPACE

1. Sequential chase of unity state alphabet format would require a sequential chase of different roles of 1-space to 9-space.
- 2. One** space has interval as its representative body.
- 3. Interval / Hyper cube 1** is a track of point body of format of **hyper cube 0**.
4. One way to approach is along artifice **1**.
5. Different roles of **1**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **1**.
7. One shall chase **one** space as dimension fold.
8. Further chase shall be of **one** space as boundary fold.
9. Still further chase is to be of **one** space as domain fold.
10. Ahead would be a chase of **one** space as origin fold.

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TWO SPACE

1. Second Sequential step of Brahman range is of 2-space in its different roles.
- 2. Two** space has **square** as its representative body.
- 3. Square / Hyper cube 2** is a track of a moving hyper cube 1.
4. One way to approach is along artifice **2**.
5. Different roles of **2**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **2**.
7. One shall chase **two** space as dimension fold.
8. Further chase shall be of **two** space as boundary fold.
9. Still further chase is to be of **two** space as domain fold.
10. Ahead would be a chase of **two** space as origin fold.

THREE SPACE

1. Third Sequential step of Brahman range is of 3-space in its different roles.
2. **Three** space has **cube** as its representative body.
3. **Cube / Hyper cube** is a track of a moving hyper cube 2.
4. One way to approach is along artifice **3**.
5. Different roles of **3**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **3**.
7. One shall chase **three** space as dimension fold.
8. Further chase shall be of **three** space as boundary fold.
9. Still further chase is to be of **three** space as domain fold.
10. Ahead would be a chase of **three** space as origin fold.

FOUR SPACE

1. Four space is a creator space (4 space).
2. **Four** space has **hyper cube 4** as its representative body.
3. **Hyper cube 4** is a track of a moving hyper cube 3.
4. One way to approach is along artifice **4**.
5. Different roles of **4**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **4**.
7. One shall chase **four** space as dimension fold.
8. Further chase shall be of **four** space as boundary fold.
9. Still further chase is to be of **four** space as domain fold.
10. Ahead would be a chase of **four** space as origin fold.

FIVE SPACE

1. Five space is a transcendental domain.
2. **Five** space has **hyper cube 5** as its representative body.
3. **Hyper cube 5** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **5**.
5. Different roles of **5**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).

6. The diagonal of this format shall be of equal values of the order of artifice **5**.
7. One shall chase **five** space as dimension fold.
8. Further chase shall be of **five** space as boundary fold.
9. Still further chase is to be of **five** space as domain fold.
10. Ahead would be a chase of **five** space as origin fold.

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SIX SPACE

1. Six space is a self referral features of Sun domain.
- 2. Six** space has **hyper cube 6** as its representative body.
- 3. Hyper cube 6** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **6**.
5. Different roles of **6**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **6**.
7. One shall chase **six** space as dimension fold.
8. Further chase shall be of **six** space as boundary fold.
9. Still further chase is to be of **six** space as domain fold.
10. Ahead would be a chase of **six** space as origin fold.

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SEVEN SPACE

1. Seven space is of Sapt Bhumi features of pole star.
- 2. Seven** space has **hyper cube 7** as its representative body.
- 3. Hyper cube 7** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **7**.
5. Different roles of **7**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **7**.
7. One shall chase **seven** space as dimension fold.
8. Further chase shall be of **seven** space as boundary fold.
9. Still further chase is to be of **seven** space as domain fold.
10. Ahead would be a chase of **seven** space as origin fold.

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EIGHT SPACE

1. Eight space is of Asht Prakrati features.

2. **Eight** space has **hyper cube 8** as its representative body.
3. **Hyper cube 8** is a track of a moving hyper cube 4.
4. One way to approach is along artifice **8**.
5. Different roles of **8**-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice **8**.
7. One shall chase **eight** space as dimension fold.
8. Further chase shall be of **eight** space as boundary fold.
9. Still further chase is to be of **eight** space as domain fold.
10. Ahead would be a chase of **eight** space as origin fold.

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NINE SPACE

1. Nine space is the Brahman space.
2. It is designated as Nav Braham.
3. It plays the source origin role for Asht Prakrati (8-space).
4. One way to approach is along artifice 9.
5. Different roles of 9-space along manifestation format is to be of 4 x 4 format within creator space (4 space).
6. The diagonal of this format shall be of equal values of the order of artifice 9.
7. One shall chase nine space as dimension fold.
8. Further chase shall be of nine space as boundary fold.
9. Still further chase is to be of nine space as domain fold.
10. Ahead would be a chase of nine space as origin fold.

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BRAHMAN BLISS

1. It is Brahman bliss which ultimately drives the existence phenomenon.
2. It is because of Brahman bliss that Brahman itself expects Par Braham privilege.
3. It is also because of Brahman bliss that Asht Prakrati gives way to the transcendental carriers.
4. Sapt Bhumi as well unifies because of Brahman bliss.
5. Self referral features too are there because of Brahman bliss as source origin of the manifestation layer (6, 7, 8, 9).
6. Transcendental carriers carry being at the middle of the Brahman range.
7. Creator spectrum is there of the Brahman range because of the Brahman bliss itself.

8. Triloki is fulfilled with self referral values as at the middle of the manifestation layer (3, 4, 5, 6) there is a Brahman bliss expressing as transcendental values within creator space (4 space).
9. Triloki as such is sustained by Trimurti.
10. It is Brahman bliss which continuously renews the existence phenomenon within Triloki as sustained by Trimurti.

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ASHT PRAKRATI GIVES WAY TO TRANSCENDENTAL CARRIERS

1. Asht Prakrati gives way to transcendental carriers with Brahman privilege.
2. Transcendental carriers are of solid order and transcendental domains.
3. The solid order and transcendental domain together are of the order and values of Asht Prakrati.
4. Ancient wisdom enlightens us that Asht Prakrati is of dual existence feature, designated and known as Jad Prakrati and Chetan Prakrati.
5. It is Chetan Prakrati which Gives way to the transcendental carriers with Brahman grace.
6. It is Brahman grace that Asht Prakrati as well as transcendental carriers are fulfilled with Brahman Privilege.
7. The split of artifice 8 as (3, 5) is there because of Nav Braham / 9 as source origin.
8. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse transcendental carriers getting path within Asht Prakrati due to Brahman privilege.
9. 2^3 as a solid dimensional order within creator space (4 space) fulfills creator space (4 space) with transcendental values which may get transcendence path within Asht Prakrati.
10. It is transcendence at the origin of creator space (4 space) which aspire for the Brahman bliss.

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SAPT BHUMI UNIFIES AS UNITY RANGE

1. The way Sapt Bhumi (seven steps long unity range) unifies itself deserve to be chased.
2. It would be the way all the eight corners of cube get sequentially coordinated in terms of its seven edges.
3. Further it would be the way the Sun light manifests its visible seven colours spectrum.

4. It is the way rainbow garlands the Sky.
5. It is also the way consciousness expresses itself as unity state of consciousness.
6. Further it is the way artifice 7 becomes the biggest numeral of ten place value system.
7. It also is the way pole star becomes the source origin of solar system.
8. It is the way Trishapta (3 and 7) get coordinated.
9. Seven fold versions of cube parallel to seven geometries of 3-space range within creator space (4 space) deserve to be followed for the comprehension of Sapt Bhumi unifies itself.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the phenomenon of artifice 7 and dimensional frame of pole star running parallel to each other.

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SELF REFERRAL INTERACTIONS

1. Self referral interactions deserve to be chased as being there because of the Sapt Bhumi unification process.
2. Self referral interaction are the interactions of a pair of self referral ranges.
3. These interactions of self referral ranges emerge as the communications intersee the self referral ranges.
4. These communications manifest as languages.
5. The component wise interactions of self referral ranges sinthil basics as alphabet of the interactions communications languages.
6. The alphabets split into letters as of the features of Brahman bliss flow from origin source (9-space) into self referral domain (6-space)/ Sun.
7. It is this creative dimensional order of self referral domain which manifest themselves within creator space (4 space) itself as the features range of the alphabet letters.
8. As such chase of alphabet unity is to begin with the chase of manifestation features of alphabet letters.
9. This chase is to take to the creative dimensional order.
10. And a step ahead, it shall be leading to self referral domains.

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TRANSCENDENTAL CARRIERS

1. Creative dimension create self referral domains because of the availability of transcendental carriers.

2. The availability of transcendental carriers is there because of transcendental origin source of creator space (4 space).
3. The creator space (4 space) gets fulfilled with transcendental values flow from its source origin.
4. It is this inflow of the transcendental values within creator space (4 space) which amounts to having availability of the transcendental carriers.
5. The inflow of transcendental values within creator space (4 space) ultimately manifests as creations riding the transcendental carriers.
6. It is with this riding of creations upon the transcendental carriers which transits and transforms the whole phenomenon of manifested creations into a transcendental phenomenon.
7. It is chase of this transition and transformation for manifested creations into of transcendental values which would ultimately help imbibe the values and features of transcendental carriers themselves.
8. The rest of the pilgrimage of the transcendental domains, as such would follow of its own because of the availability of the transcendental carriers.
9. The way transcendental carriers interact amongst themselves and go self referral is a phase and stage of the existence phenomenon, designated and known as the phenomenon of self / spirit / sole / being / transcendental being.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse this phenomenon of Transcendental carriers.

115. MANIFESTED CREATIONS

1. Unity state alphabet is to be all about manifestation creations.
2. The manifested creations are of four fold manifestation layers formats.
3. Being of manifestation layers format, it as such become capable of carrying sound (Dwani) waves.
4. Sound waves as carriers and manifested creations to be carried, are the features which deserve to be chased to reach at the basics of the unity state alphabet.
5. It is the spatial order of creator space (4 space) with solid order origin, which are to play their roles for manifested creations to be carried by transcendental waves.
6. The subsequent transitions and transformations of Dwani into Nad and Nad into Anahat Nad are to be followed as their transition feature,
7. A step ahead would be the transition phenomenon of light as Jyoti and Braham Jyoti.
8. Sound to light, Nad to Jyoti and Anahat Nad to Braham Jyoti are the interactive features of the transition phenomenon.
9. These transition phases and stages deserve to be sequentially chased.
10. The features of these transition phases and stages become the inherent features of the unity state alphabet.

SUSTENANCE OF TRILOKI BY TRIMURTI

1. Central core of the unity state alphabet is the sustenance feature of Triloki by Trimurti.
2. This would emerge as the chase of manifestation layer format (3, 4, 5, 6).
3. The chase may be of the sequential steps (3, 4), (3, 4, 5) and (3, 4, 5, 6).
4. The coordination pair (3, 4) / (3-space, 4-space) is to be of the coordination feature of 4 x 4 format of different roles of 3-space and 4-space.
5. The coordination triple (3, 4, 5) / (3-space, 4-space, 5-space) is to be of the coordination features of formats 4 x 4 x 4, as well as of 5 x 5 x 5 for different roles of 3-space, 4-space and 5-space respectively.
6. A step ahead coordination quadruple (3, 4, 5, 6) is the full range manifestation format itself.
7. It as such shall be coordinating four manifestation layers at a time namely (3, 4, 5, 6), (4, 5, 6, 7), (5, 6, 7, 8) and (6, 7, 8, 9).
8. Sequentially these shall be leading to transcendence ranges, self referral ranges and unity state ranges.
9. It is this chase which deserves to be sequentially followed to completely comprehend and fully imbibe the features inherently being there with the unity state alphabet.
10. One shall sit comfortably and permit the transcending mind to permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the inherent feature of unity state alphabet.

DEVNAGRI ALPHABET SCRIPT

1. Devnagri alphabet script is the script form of unity state alphabet.
2. As such for comprehension of unity state alphabet, one is to begin with the Devnagri alphabet format.
3. As a next step, script form of each letter is to be chased.
4. This chase shall be leading to the geometric format of each letter.
5. It is the synthesis rules of different geometric formats which have to play their role for the compositions in terms of individual letters of the Devnagri alphabet /unity state alphabet.
6. The transition from single letters to pair of letters, triple letters and quadruple letters and so on is to be worked out.
7. This shall be helping tabulate roots and words.

8. A step ahead would be to have the grammar rules for which sanskrit grammar would be the guide.
9. Sanskrit grammar to Vedic grammar would be a big step ahead.
10. Attainment of transcendental path within Asht Prakrati for Brahman privilege would be the blissful end fruit of the Sadhana along unity state alphabet format.

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OPTIMUM INDEX OF EXISTENCE PHENOMENON

1. Optimum index of existence phenomenon for us is as is within human frame.
2. It is of the order and values of the fourth element namely Vayu (air).
3. This as such would bring into focus width and depth of the existence spectrum as to be of the value $4 \times 7 = 28$ parallel to the expression of unity state along each of the four dimensions of creator space (4 space).
4. Artifice 28 is of features which make it a perfect number.
5. Infact '28' is the second perfect number, following '6' as the first perfect number.
6. First perfect number, namely '6' is of the features as that $1+2+3=1 \times 2 \times 3 = 2+2+2= 3+3$, and because of it existence within Triloki availing pairing feature is of the order of sustenance of Triloki by Trimurti.
7. The split of $28 = (1+2+3+4) + (3+4+5+6)$ makes it of special features where manifestation layers (1, 2, 3, 4) and (3, 4, 5, 6), of the order and values of dimensional fold layer and domain fold layer, makes artifice 2 as of very special role for the existence phenomenon of manifested creations.
8. It is this width and depth of the fourth element / Vayu (Air) which deserves to be chased to glimpse the way diversity gets unified.
9. It is this feature of diversity getting unified which is at the base of unity state alphabet being of the potentialities and features of width and depth which shall be unifying all the alphabets.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to revisit optimum index of existence phenomenon.

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DIVERSITY SPECTRUM OF ALPHABETS

1. Diversity spectrum of alphabets is of the order and values of the diversity spectrum of existence phenomenon within Triloki.
2. Existence phenomenon within Triloki, in its diversity, is to be of the order and values range of the manifestation layer (3, 4, 5, 6).
3. This order and range is of the values and virtues Triloki (3-space) being sustained by Trimurti (Brahma, Shive, Vishnu presiding deity of 4, 5 and 6 space respectively).

4. The expression range of cube as representative regular body of 3-space within creator space (4 space) is of the range of seven versions of cube parallel to seven geometries of 3-space and as such it would emerge as the diversion spectrum width and depth.
5. This width and depth of the diversity spectrum of existence phenomenon within Triloki is reflected in the frames within which existence phenomenon remains lively.
6. Of it, existence of human beings within human frame, is of core features.
7. Trees, insects, birds and animals diversity is also there because of width and depth feature of their frames.
8. Even the five basic element mark their presence within Triloki in terms of width and depth of their dimensional frames.
9. Their diversity range, as such, turns out to be of the range of 26 elements, which together manifest as the geometric envelope for the cube itself as of components features of eight corner points, twelve edges and six surfaces.
10. This, this way makes unison process fulfilling the gap range of five basic elements and 26 existence display elements range, as of the order and values of the range $26-5=21=1+2+3+4+5+6$ -range of sathapatya measuring rod / range of 21 branches of Rigved as to be of the order and values range of the orb of the Sun itself.

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ALPHABET UNISONS

1. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse alphabet unisons with unity state alphabet.
2. Unity state alphabet assimilate the unity range features parallel to 'Earth to Pole star' range while the existence phenomenon within Triloki sustained by Trimurti is to be of self referral features.
3. Self referral range runs parallel to 'Earth to Sun range' and the interactive feature of self referral ranges brings into play the unity state range of 'Earth to Pole Star'
4. Here manifestation layer (4, 5, 6, 7) plays its role and provides needed manifestation format.
5. Along this manifestation format of manifestation layer (4, 5, 6, 7) with summation artifice value $(4+5+6+7)=22$, visarga range of the order and values of 22 visargas comes into play.
6. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to have sequential look at the range of 22 visargas (२२) (—) to imbibe their values for complete comprehension of the diversity spectrum of existence phenomenon within Triloki along the manifestation format of the manifestation layer (3, 4, 5, 6).

7. Within Triloki the diversity order of existence phenomenon is there because of seven geometries range of 3-space within creator space (4 space).
8. Diversity spectrum of existence phenomenon alphabets within Triloki would permit unison as Triloki itself is sustained by 'Trimurti'.
9. Unity state alphabet avails unity range parallel to 'Earth to Pole Star range', and as such it would be successful to provide unison for whole range of alphabets for Triloki sustained by Trimurti.
10. It would be blissful to have attainment of unison of alphabets with unity state alphabet.

Day 1

1. Ancient wisdom preserves the way the creator space (4 space) is fulfilled with transcendental values.
2. Creator space (4 space) is located at center of 3-space.
3. As such origin seat / center of cube is of the format of hyper cube 4.
4. This way help us appreciate the ancient wisdom as to Vidyadhari in penance for marrying with Lord Brahma.
5. Ancient wisdom further enlightens as to Lord Brahma, Creator the Supreme and Lord Brahma lively within Shilla (slab).
6. It is parallel to the feature of diagonals of quadrilateral crossing at a point / center of square as a Bindu Sarover (point reservoir).
7. From pentagon onwards, the diagonals cut out internal polygon of the same order around the center of the polygon.
8. It is this feature from pentagon onwards constructing out inner pentagons onwards which deserves to be chased as unfolding process of the Bindu Sarovar phenomenon of the creator space (4 space).
9. It is this chase of the unfolding process of the Bindu Sarovar of the creator space (4 space) which would help the sadkhas to comprehend and imbibe the values of the process of the way creator space (4 space) is fulfilled with transcendental values.
10. It is like the Bindu Sarovar of creator space (4 space) as a structured point of the order of the manifestation layer (2, 3, 4, 5) which accepting origin source as the seat of transcendental worlds (5-space / C) .

DAY 2

1. The source origin transcendental worlds (5-space / C) being of solid order transcendental values domain, as such it fountains solid order values within the Bindu sarovar (structured point) of the cs.
2. To begin with it be accepted as the phase and stage of compactified origins.
3. The start with position as a center of square, the same a step ahead as of the order of the inner pentagon, hexagon and so on, it shall be a transcendence path sequentially unfolding itself as of transcendental values (5-space), self referral values (6-space) and unity state (7-space).
4. As such the first expansion step of transcendence path within creator space (4 space) would be of the order and values of the transcendental worlds (5-space / C).
5. One shall have a stop here and chase it by permitting the transcending mind to remain in prolonged sittings of deep trans to glimpse this phenomenon of Bindu

Sarovar / structured point of creator space (4 space) getting fulfilled with transcendental values.

6. It is this feature of transcendental worlds (5-space / C) of pentagon format having sequential emergence of pentagons within pentagons which makes the transcendental worlds (5-space / C) of inner folds of equal values.
7. This feature and format of a domain of Being of inner folds of equal values which is at the base of the incarnation phenomenon of the transcendental and higher domains.
8. Ancient wisdom well preserves the incarnations of Lord Shiv, the Lord of transcendental worlds (5-space / C) in Sri Shiv Puran in particular.
9. Likewise ancient wisdom as well preserves the phenomenon of incarnations of Lord Vishnu, in Vishnu Puran as well as in Adi Valmiki Ramayana and Ur-Mahabhartam.
10. One shall sit comfortably and permit the transcending mind to glimpse the incarnation phenomenon of Lord Shiv and Lord Vishnu as preserved in the Ancient wisdom scriptures.

DAY 3

1. Though the steps from transcendental values to self referral values is a next sequential step but it being the continuity steps as such it also deserves to be chased for its transition and transformation from first step of transcendental values to the step of self referral values.
2. As the origins are compactified and unfold sequentially as such, initially the Bindu Sarovar / structured point of creator space (4 space) as of manifestation layer format (2, 3, 4, 5) gets fulfilled with solid order values and only at the next step it gets fulfilled with the hyper solid order values.
3. In this sequence, at first step, solid order get super imposed upon the spatial order of the creator space (4 space) itself.
4. It would be relevant to note that along the manifestation layer format (2, 3, 4, 5), 3-space plays the role of boundary fold as well as of the role of solid order of origin fold.
5. It is this simultaneous pair of roles of 3-space which permits the superimposition of the solid order upon the spatial order of 4-space.
6. It is this super imposition of the solid order upon the spatial order which helps transit from the solid order to the hyper solid order of the manifestation layer path (3, 4, 5, 6).
7. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to comprehend and imbibe the values of transition and transformation from the manifestation layer format (2, 3, 4, 5) to the manifestation layer path (3, 4, 5, 6).

8. It would be like initially the Bindu Sarovar of creator space (4 space) getting fulfilled with the transcendental values and then at the next stage, the same getting fulfilled with self referral values.
9. This, in a way would be a simultaneous process of 3 manifestation layers, namely (1, 2, 3, 4), (2, 3, 4, 5) and (3, 4, 5, 6) coming into play.
10. It is going to be the two fold process of double pair of manifestation layers namely (1, 2, 3, 4) and (2, 3, 4, 5), as well as (2, 3, 4, 5) and (3, 4, 5, 6).

DAY 4

1. This double pair of manifestation layers namely (1, 2, 3, 4) and (2, 3, 4, 5), as well as (2, 3, 4, 5) and (3, 4, 5, 6) play when sequentially chase shall be transiting and transforming pair of transcendental ranges namely (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6).
2. The pair of transcendental ranges namely (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6) together shall be leading to a self referral range (1, 2, 3, 4, 5).
3. As such the sequential chase shall be sequentially taking us from manifestation layer (1, 2, 3, 4) to transcendental range (1, 2, 3, 4, 5) and ahead to the self referral range (1, 2, 3, 4, 5, 6).
4. It is going to be a phenomenon of four fold manifestation layer getting additional fold, being the base of origin fold.
5. A step ahead it shall be adding one another fold at base of the base of origin fold.
6. One shall sit comfortably and permit the transcending mind to chase this sequential phenomenon.
7. It would be blissful to chase the way the transcending mind itself sequentially transcends the sensory domain to intelligence domain to consciousness domain.
8. Taking sensory domain as the startwith domain parallel to the manifestation layer (1, 2, 3, 4), a transcendence step would lead to the transcendence range (1, 2, 3, 4, 5) parallel to the intelligence domain.
9. A step ahead it would be of the feature of intelligence field of transcendence range (1, 2, 3, 4, 5) going self referral of the format of self referral range (1, 2, 3, 4, 5, 6).
10. It is this phenomenon of sequential transcendence from sensory domain to intelligence field to consciousness state which deserves to be consciousness chased to comprehend the process of creator space (4 space) being fulfilled with transcendental values and steps ahead as self referral values, as well as the unity state.

DAY 5

1. As whole of this phenomenon, is infact the phenomenon beginning with the manifestation format, as such the chase of the phenomenon of incarnations is to begin with the existence phenomenon within frames.

2. As the hyper transcendental order (5-space) in the role of dimension leads to the unity state domain (7-space).
3. As such this incarnation phenomenon becomes the phenomenon of hyper solid order domain with respect to 6-space going transcendental order (unity state domain) (7-space).
4. Creative dimensional order (6-space) is of the order, values and format of Pursha.
5. Manifestation along Pursha format, being of human beings, as such the incarnation phenomenon becomes the phenomenon of incarnations within human frame.
6. With this feature the ancient wisdom preservation as expressions of incarnations of Lord Shiv and Lord Vishnu within human frame deserved to be comprehended and imbibed as such.
7. Human frame is a frame of pursha domain (6-space of creative order / 4-space in the role of dimension) and as such essentially the incarnation phenomenon becomes the phenomenon of creative dimension (4-space in the role of dimension) transiting and transforming into phenomenon of transcendental dimension (5-space in the role of dimension),
8. This be taken, as the phenomenon of transition and transformation from the role of 4-space as dimension to the role of 5-space as dimension.
9. This as the dimension of dimension level of 4-space being of spatial order shall be transiting to the role of dimension of dimension level of 5-space as of solid order.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of transition and transformation from spatial order to solid order as the phenomenon happening at the dimension of dimension level of the manifested creations.

**WEEK-26 MANIFESTATION OF
TRANSCENDENTAL VALUES**

DAY 1

1. Mathematics of manifestation of transcendental values is the mathematics of manifestation layer (3, 4, 5, 6).
2. It is the mathematics of solid dimensional order.
3. Further it is a mathematics of creative boundary and self referral origin.
4. However, essentially it is a mathematics of transcendental domain (5-space).
5. 5-space in 4-space is like sky in space.
6. It also marks its presence at a cipher state as volume sandwiched between the pair of facets of a surface.
7. The way cipher state volume unfolds and multiplies itself as a track of a moving surface becomes the subject matter of mathematics of 5-space / transcendental values.
8. The surface sandwiched at zero state between the pair of solid bits of volume and volume sandwiched at cipher state between pair of facets of surface are the

features which deserve to be chased for comprehension of the mathematics of transcendental values.

9. Creative Bindu Sarovar / structured point of 4-space as comparison to the transcendental Bindu Sarovar / structured point of 5-space is of different values state.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to comprehend the values difference of the creative Bindu Sarovar and transcendental Bindu Sarovar.

DAY 2

1. Mathematics of transcendental values begins its chase with the creative Bindu Sarovar.
2. Starting with the values range of creative Bindu Sarovar reaches at the values range of the transcendental Bindu sarovar.
3. The tracks of creative Bindu Sarovar and transcendental Bindu Sarovar shall be projecting the differentiative feature of this pair of set ups.
4. Along with four folds of manifestation layers format, these tracks along each fold shall be leading to their differentialion features.
5. One shall sequentially approach these tracks fold wise.
6. Starting with dimension folds, the respective tracks shall be of the orders and values of spatial order and solid order respectively.
7. Along boundary folds, the respective track shall be of the solid boundary and creative boundary.
8. Along domains folds, the respective tracks shall be of creative domain and transcendental domain.
9. As origin folds, the tracks would be of the transcendental origin and of self referral origin.
10. This as such will help appreciate the sequential transition and transformation process for the creative domain acquiring transcendental origin.

DAY 3

1. The phase and stage of creative domain acquiring transcendental domain is only one feature attainment.
2. 5-space, in its different roles is of 5 x 5 format.

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

3. Let us have a fresh look at the above 5 x 5 matrix format.

4. It would prominently come to pointed attention as that it takes into account the whole Brahman range (1, 2, 3, 4, 5, 6, 7, 8,9).
5. Therefore to have a complete transition and transformation from creative Bindu Sarovar format to that of transcendental Bindu Sarovar format, the whole of the Brahman range is to be taken into consideration.
6. Here it would be relevant to note that hyper cube 4 is of solid boundary of eight components and further as that it has a solid dimensional order at its origin.
7. This way this nine solids fixation of creator space (4 space) shall be making available 9 solids which shall be helping approach transcendental domain in nine distinct ways.
8. This, this way would help provide mathematics of transcendental features approaching transcendental domain in nine different ways and the same with appropriate applications shall be helping attain a complete transition from creative bindu Sarovar to transcendental Bindu Sarovar.
9. This would be the way of the nine geometries of 4-space together leading to the transcendental domain.
10. It is this attainment of mathematics of transcendental values which deserves to be fully imbibed

DAY 4

1. Nine geometries way of 4-space is the way of nine versions of hyper cube 4.
2. Of these nine versions, the startwith version would be of hyper cube 4 with its full boundary intact.
3. The last version, in this order would be of hyper cube 4 being completely free of its boundary.
4. The range of full boundary to freedom from boundary of creative domain, on its chase, shall be sequentially leading to the transcendental domain, which otherwise shall be in the role of the origin fold.
5. This approach of nine geometries of 4-space as such would be the approach of creator space (4 space) for fixation of its transcendental order.
6. As far as the initial eight versions of hyper cube 4 are concerned, in respect of the same solid boundary (components) and solid dimensional order at origin would that way get coordinated.
7. However at the last ninth version of hyper cube 4, as whole of the boundary stands stripped off, it shall be of a situation where the coordination for the transcendental domain would be of it to be of self referral state of creative dimensional order to provide coordination with the creative domain (4-space).
8. This in a way would be a situation of 4-space domain in the role of creative boundary of 5-space.

9. It is this phase and stage which deserves to be comprehended well as here the role of 4-space as well transits and transforms from its role as a 4-space domain to 4-space in the role of creative boundary of transcendental worlds.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans and the mind of creative format going transcendental with a self referral base.

DAY 5

1. Mind going transcendental is a feature which deserves to be chased with its all delicacies.
2. It would be a consciousness phenomenon.
3. Consciousness bits, essentially as creative Bindu Sarovars and being on the transcendental path is the phenomenon of the transcending mind.
4. Consciousness bits of creative bindu Sarovar format, as a starting position and the same transiting and transforming into the transcendental bindu sarovar format is the attainment par –excellence.
5. It ensures Brahman priviledge.
6. It would be a self referral evaluative stage.
7. Sadkhas can evaluate themselves about their priviledge of being alone the pilgrimage path of Brahman priledge.
8. To be fortunate for the Brahman priviledge and ahead for the Par Braham priviledge, one is to be satisfied with prolondged deep sittings of trans.
9. Brahman priviledge of its own fulfills the transcending mind.
10. And Brahman priviledge of its own also fulfills for the Par Braham priviledge.

WEEK-27 HYPER CUBE 5 ONWARDS

DAY 1

1. Hyper cube 5 onwards namely H_N , $N=5, 6$, — is a sequence which permits many ways to approach its features.
2. Of these approaches the approach of polygons is of great values.
3. Polygons sequence P_N , $N=5, 6$, — is of characteristics feature as that P_N constructs a sequence of equal value polygons around the center of the polygon.
4. It is this feature which makes every polygon (pentagon onwards) as a sequence of polygons of equal values) which deserves to be chased as sequential generations of manifestations of identical formats.
5. It is this value of emergence of sequential generations of manifestations of identical formats which is at the base of lineages as well as of incarnations.
6. Both aspects of 'lineages as well as of incarnations' deserve to be individually chased.

7. 'Lineages aspect' marks its expression in 'seed to seed' range of existence phenomenon within frames.
8. 'Incarnations aspect' marks its expression in 'Incarnations of Lord Shiv', 'incarnations of Lord Vishnu'.
9. As such the chase shall be separately for a sequence of internal pentagons as well as for a sequence of internal hexagons.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to simultaneously chase the formats of sequences of pentagons as well as of hexagons.

DAY 2

1. Parallel to the chase of hyper cube 5 onwards along the formats of polygons from pentagon onwards, chase may be in terms of sequence of artifices 5 onwards.
2. The sequences of artifices 5 onwards namely (5, 6, 7, 8, —) as inward progressions sequence shall be parallel to hyper cube 6 format for origin of hyper cube 5, hyper cube 7 format for origin of hyper cube 6 and so on.
3. It is this inward sequential progression values of artifices sequence (5, 6, 7, 8, —) whose chase shall be simultaneously bringing to focus the emergence of sequence of sequences [(5, 5, 5, —), (6, 6, —), —].
4. Here parallel may be had from the sequence of sequences of equal value inner polygons phenomenon from pentagon onward.
5. Illustratively (5, 5, 5, —) would be parallel to the sequence of internal pentagons.
6. Likewise (6, 6, 6, —) would be parallel to the sequence of internal hexagons.
7. Further this chase shall be bringing to focus the equal values diagonals north east diagonal of the matrix format (5 x 5), (6 x 6) and so on:-

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

8. It would be relevant to note that present formats of equal values surface track of north east diagonals shall be bringing to focus the way special order for creative domains manifest and mark their presence.
9. Illustratively triangular view of primum of 5 x 5 x 5 format shall be as follows

1	2	3	4	5
2	3	4	5	
3	4	5		
4	5			
5				

10. It would be a blissful exercise to sequentially chase prisms of $5 \times 5 \times 5$, $6 \times 6 \times 6$, $7 \times 7 \times 7$, — formats.

DAY 3

1. The square face of prism $5 \times 5 \times 5$ of equal values would be:-

5	5	5	5	5
5	5	5	5	5
5	5	5	5	5
5	5	5	5	5
5	5	5	5	5

2. Likewise would follow the square faces of prisms $6 \times 6 \times 6$, $7 \times 7 \times 7$ and so on.
3. It is this chase in terms of square faces which shall be leading to affine features of sequential transitions and transformations of creative values into transcendental values and of transcendental values into self referral values and so on.
4. This affine chase along artifices of numbers along surfaces sandwiched within solids / slabs (Shilla) is of special attention of the ancient wisdom.
5. The scripture Yog Vasishast chases Lord Brahma, creator the supreme within Shilla (slab).
6. In continuity, chase is to be for transition and transformation from creative dimension to transcendental dimension.
7. Ahead the chase would be for the transition and transformation from transcendental dimension to self referral dimension and so on.
8. One shall sit comfortably and sequentially chase the above affine phenomenon of transitions and transformations.
9. It is with this chase that one shall be attaining parallel affine transitions and transformations for the sadkhas minds.
10. It is with this attainment of affine transitions and transformations by the sadkhas that they ultimately make them self to be priviledge for the Brahaman priviledge as well as for the Par Braham priviledge.

DAY 4

1. One shall always aspire for Brahma privilege.
2. It is the intensity of urge for the Brahma privilege which ultimately leads to the urged for Brahma privilege.
3. It would be the sequential attainment of equal values square face of prism of $9 \times 9 \times 9$ format.
4. Of it the triangular cut, which would be as follows, would be playing its characteristic role.

9 9 9 9 9 9 9 9 9
 9 9 9 9 9 9 9 9
 9 9 9 9 9 9 9
 9 9 9 9 9 9
 9 9 9 9 9
 9 9 9 9
 9 9 9
 9 9
 9

5. Parallel set of 9 north east diagonals of the above triangular cut of prism face of 9 x 9 x 9 format deserve to be chased.
6. It is this sequential chase of first north east diagonal being of single point value (9), followed by the diagonal of pair of points of values 9 each and so on up till the 9th north east diagonal of 9 points of values 9 each shall be bringing to focus the way full expression is there at the middle.
7. Such chase can be there from either of the corner of the square face and as such it shall be ultimately transcending to the affine transcendental values at the center of the square face.
8. It is this reach at the center of the square face, which when approached from all the six surfaces of the cube, the same shall be leading to the center of the cube having creative format of hyper cube 4 set up.
9. A step ahead would be a transcendence to transcendental format of hyper cube 5 format.
10. It is this chase which shall be, of its own leading to the Brahman privilege.

DAY 5

1. Par Braham privilege shall shun all logic.
2. It shuns all format.
3. It even shuns the affine values,
4. And even transcendental virtues.
5. The self referral state or unity state of consciousness as well may not be of any help.
6. That it transcends the Brahman state, is of its own features, orders, values, virtues and all that.
7. One may aspire to sequentially reach unity state but beyond that it is only the privilege which may or may not follow.
8. It even may not be known as to why it is not following or that it may follow or not.
9. And at what time, and at what phase and stage of lineage steps of the existence phenomenon.

10. One shall always wish and aspire for the Brahman privilege as well as for the Par
Braham Priviledge

WEEK-28**TRANSCENDENCE THROUGH MANIFESTATION LAYERS****DAY 1**

1. The features of creative dimension transiting and transforming into transcendental dimension deserve to be sequentially chased.
2. This process is going to be the process of transcendence through manifestation layers.
3. Of most practical values, it would be advisable to be through the process of transcendence along Pursha format.
4. Of it as well, the focus shall be upon the Shad Chakra format of human frame.
5. Being along Pursha format, as such these shad chakra format shall be of the features of manifestation layers, first of which, as first chakra shall be of the format of the manifestation layer (1, 2, 3, 4).
6. It is the transcendence from manifestation layer (1, 2, 3, 4) to the next manifestation layer (2, 3, 4, 5) which would be of the order and values of transcendence from first chakra format to second chakra format.
7. Like that, at the next step, the process would be of the features of transcendence from second manifestation layer (2, 3, 4, 5) to the third manifestation layer (3, 4, 5, 6).
8. A step ahead it would be transcendence from manifestation layer (3, 4, 5, 6) to the manifestation layer (4, 5, 6, 7).
9. With it a phase and stage would arise to transcend ahead from fourth chakra format (4, 5, 6, 7) to fifth chakra format (5, 6, 7, 8).
10. It is in this sequence that the transcendence process shall be leading to the phase and stage of transition from manifestation format (5, 6, 7, 8) to the manifestation format (6, 7, 8, 9).

DAY 2

1. This five steps range of the transcendence process from (1, 2, 3, 4) to (2, 3, 4, 5) as first step and as (5, 6, 7, 8) to the last step (6, 7, 8, 9), deserves to be chased sequentially.
2. It shall be covering the Brahman range of all nine steps (1, 2, 3, 4, 5, 6, 7, 8, 9).
3. It initially would be of the order of nine geometries range of hyper cube 4 and shall be transiting into bifurcation of brahman range as a pair of phases and stages of the transcendental range order as (1, 2, 3, 4, 5) and (5, 6, 7, 8, 9).
4. It is this sequential transcendence along pair of dimensions of spatial order, which shall be ultimately fulfilling the shad chakra as of format (6, 7, 8, 9) with $6=3+3$ and $9=3 \times 3$ with a unity state of the features of transcendental take off from the brahman randra (6th chakra) and the Being would be riding the transcendental carriers of Sun light.

5. This, this way would require the sadkhas to sequentially transit from one chakra to next chakra.
6. The attainment of the transition from first chakra to the second chakra would be of the order of pair of manifestation layers (1, 2, 3, 4) and (2, 3, 4, 5) availing a transcendence range (1, 2, 3, 4, 5).
7. As such the transition from first chakra to the second chakra is to be of the transcendence range format (1, 2, 3, 4, 5).
8. Therefore the chase of transition from first chakra to second chakra is to be of the features of the way the transcendence range (1, 2, 3, 4, 5) shall be manifesting as a pair of manifestation layers.
9. As such this chase is to be of two steps, the first would be in reference to the manifestation layer (1, 2, 3, 4) and the transcendence range (1, 2, 3, 4, 5).
10. The second step in the sequence would be of the features of manifestation layer (2, 3, 4, 5) along the transcendence range (1, 2, 3, 4, 5)

DAY 3

1. The pair of manifestations (2, 3, 4, 5) and (3, 4, 5, 6) shall be availing the transcendence range (2, 3, 4, 5, 6).
2. Here the first phase chase would be of manifestation layer (2, 3, 4, 5) in reference to the transcendence range (2, 3, 4, 5, 6).
3. It would be relevant to note that while transcending from first chakra format to second chakra format, the chase would be of manifestation layer (2, 3, 4, 5) in reference to the transcendence range (1, 2, 3, 4, 5).
4. However here during transcendence from second chakra to third chakra format, the chase would be of the manifestation layer (2, 3, 4, 5) in reference to the transcendence range (2, 3, 4, 5, 6).
5. Accordingly the focus in reference to the manifestation layer (2, 3, 4, 5) shall be in reference to both the transcendence ranges (1, 2, 3, 4, 5) as well as (2, 3, 4, 5, 6).
6. This focus of the process in respect of the manifestation layer (2, 3, 4, 5) for pair of transcendence ranges (1, 2, 3, 4, 5) and (2, 3, 4, 5, 6) shall be of the format of self referral range (1, 2, 3, 4, 5, 6).
7. It would be relevant to note that at the middle of this self referral range (1, 2, 3, 4, 5, 6) is the manifestation layer (2, 3, 4, 5).
8. Accordingly the creative dimensional order in respect of self referral range (1, 2, 3, 4, 5, 6) comes to be the manifestation layer (2, 3, 4, 5).
9. It is this feature of the manifestation layer (2, 3, 4, 5) playing the role of creative dimension for the self referral range (1, 2, 3, 4, 5, 6) becomes of central importance for the role of the manifestation format of second chakra.
10. One shall sit comfortably and permit the transcending mind to chase the role of creative dimension of manifestation layer (2, 3, 4, 5).

DAY 4

1. The central focus of third chakra of the manifestation format (3, 4, 5, 6) shall be in respect of its creative dimension role for the self referral range (2, 3, 4, 5, 6, 7).
2. It would be relevant to have a sequential progression steps to reach at the creative dimension role for the manifestation layer (3, 4, 5, 6).
3. Here as 3-space would be playing the role of dimension, so at dimension of dimension level it shall be leading to the role of 1-space.
4. It is in this context that the role of manifestation layer (3, 4, 5, 6) would shift a focus to the manifestation layer (1, 2, 3, 4).
5. It is this interconnection of the pair of manifestation layers (1, 2, 3, 4) and (3, 4, 5, 6) which would deserve to be chased to comprehend the interconnection of first chakra with the third chakra.
6. Further it would provide insight about the interconnection of the self referral ranges (1, 2, 3, 4, 5, 6) and (2, 3, 4, 5, 6, 7).
7. With it the chase of the transcendence process from one manifestation format to the next manifestation format shall be sequentially shifting focus from (1, 2, 3, 4), (1, 2, 3, 4, 5) and (1, 2, 3, 4, 5, 6).
8. Further it also shall be focusing upon (2, 3, 4, 5) at the middle of the range (1, 2, 3, 4, 5, 6).
9. Also the focus would be upon the second limb of the transcendence range (1, 2, 3, 4, 5) i.e. upon (2, 3, 4, 5).
10. One shall sit comfortably and have a sequential chase of transitions from one chakra format to the next chakra format.

DAY 5

1. The transcendence process which shall be sequentially transcending through the pair of consecutive manifestation formats would be at work while the sadkhas shall be on the transcendental meditation path.
2. It would be the path of creative dimensions transcending into transcendental dimension.
3. In general its format would be of four fold manifestation layers (N, N+1, N+2, N+3) to five fold transcendental ranges (N, N+1, N+2, N+3, N+4)
4. Sadkhas shall sequentially glimpse the transition starting from first chakra format and reach at the sixth chakra format.
5. As a result thereof, the sixth chakra format shall be going transcendental of a unity state with which the Being shall be taking off from braham Randra (sixth chakra).

6. It is this phase and stage of the sadhana which shall be a wait for the Brahman privilege.
7. Senior Sadkhas preserve their experiences an advice patience and faith for this privilege.
8. As it is a privilege, neither one can afford impatience nor can dilute faith.
9. Also it be taken as that being a privilege it is to have its own way to decende
10. The Brahman privilege may blissfully lead to Par Braham privilege as well.

WEEK-29 LORD SHIV INCARNATIONS-1
DAY 1

1. Sri Shiv Puran is a Vedic scripture of transcendental worlds Amongst other features, in its Shatrudrasamhita spreading over its 42 chapters, it enlighens about the incarnations of Lord Shiv. The titles of these 42 chapters are as follows:-
 1. Five incarnations of Siva
 2. Eight forms of Siva
 3. Half female incarnation of Siva
 4. Story of Rsabha
 5. Nineteen incarnation of Siva
 6. Incarnation of Nandisvara
 7. Coordination and the nuptials of Nandisvara
 8. Incarnation of Bhairava
 9. Sports of Bhairava
 10. Narration of Man-lion
 11. Incarnation of Sarabha
 12. Incarnation of Sarabha (continued)
 13. Incarnation of Grhapati
 14. Incarnation of Grhapati (continued)
 15. Incarnation of Grhapati (continued)
 16. Incarnation of Yaksvara
 17. Incarnation of Siva
 18. Eleven incarnations of Siva
 19. Narrative of Durvasas
 20. Incarnation of Hanumat
 21. Incarnation of Mahesa
 22. Harrassment of Visnu's sons and the incarnation of Bull
 23. Incarnation of Bull (continued)
 24. Incarnation of Pippalada

25. Incarnation of Pippalada (continued)
26. Incarnation of Vaisyanatha
27. Incarnation of Dvijesvara
28. Incarnation of Yatinathaharnsa
29. Incarnation of Krsnadarsana
30. Incarnation of Avadhuesvara
31. Incarnation of Bhiksuvarya
32. Incarnation of Suresvara
33. Incarnation of Brahmacin
34. Incarnation of Sunartakanata
35. Incarnation of Sainty brahmin
36. Incarnation of Asvathamam
37. Incarnation of Kirata
38. Description of Arjuna's penance
39. Slaying of the demon Moka
40. Kirata Arjuna dialogue
41. Incarnation of Kirata (continued)
42. Twelve Jyotirlinga incarnations
- 43.. It would be advisable that to have proper comprehension and insight about the phenomenon of incarnations, one shall be through the text of Shatrudrasamhita, every day, atleast for a week.

WEEKS-30 TO 36

INCARNATIONS TEXT BOOKS

1. Shatrudrashita is transcendental incarnations text book.
2. It is a part of bigger scripture of transcendental values, namely, Shiv Puran.
3. For imbibing the enlightenment of incarnations, sadkhas shall be through the text of Shatrudrasahita.
4. One shall be through this text in the sequential order in which this unfolds itself.
5. There may be a need for more than one readings of the text.
6. Which may be a large number of renderings of this text which may go on intensifying the insight of its organization format.
7. To start with, it may be taken that first chapter of this text book is of the format of five solid dimensional frame of transcendental worlds and it, up till its last i.e. fourty second chapter shall be of the format of transcendental boundary of self referral domain as of 12 components parallel to formats of dwadash adityas, and manifesting as dwadash lingam.
8. Here it may be relevant to have a fresh look at the English word FIRSTLING.
9. This composition is being 'FIRST LING'.

10. As the source origin of creator space (4 space) is of transcendental values order, as such the sequential chase of incarnations in terms of this incarnations text books shall be the origin of creator space (4 space).
11. Here It would be relevant to note that inflow of transcendental values from source origin within domain fold (4-space) is the phenomenon which also simultaneously would initiate the inflow of creative values into the source origin itself.
12. It would on the one hand shall be fulfilling 4-space with transcendental values, and the same, on the other hand shall be fulfilling solid dimensional order with creative (4-space) values.
13. It would further be relevant to note that this two fold phenomenon shall be on the one hand shall be transforming 4-space domain into 5-space domain, and on the other hand simultaneously it also shall be transforming solid dimensional order into hyper solid dimensional order.
14. With this insight above two fold phenomenon, one may sequentially approach the Shatrudrasahita as of the organization features (1) of five solid dimensions frame and parallel there to be the phenomenon of five incarnations of lord Shiv (2) Eight fold solid boundary of creator space (4 space) and parallel to it their being the phenomenon of eight incarnations of Lord Shiv (3) creator space (4 space) being of spatial order admitting mathematics of '2' as '1' and thereby making available half measure, and parallel there to would be the phenomenon of Ardhnarishwar (half man – half woman) and like that the sequential steps to unfold different features of organization format of Shatrurdasamhita with its last chapter '42' being of the organization feature of 12 transcendental components of the boundary of self referral domain (6-space).
15. One shall got to the shelter of Shiv Puran again and again, during these weeks, to blissfully reach at 42 steps long features range of the organization format of the text of Shatrudrasahita.

Week-37 4-space mathematics

Day 1 4-space mathematics-I

1. 4-space is designated and is known as creator space (4 space).
2. The distinguishing feature of 4-space is that it is a spatial order space.
3. With it 4-space mathematics becomes a mathematics of artifice 2 as well as of spatial measures.
4. Vedic mathematics approaches 4-space with '2 as 1'.
5. With '2 as 1', it becomes the mathematics of Ardh matra / half measure.
6. Split of measure as pair of halves is like the split of spatial dimension into a pair of linear dimension.
7. Two dimensional frame permits split into a pair of two dimensional frames of half linear dimensions.
8. To Work out spatial dimensional order in terms of a two dimensional frame of half dimension becomes the special mathematical model of 4-space mathematics.
9. The distinguishing feature of artifice four being of characteristics $2 + 2 = 2 \times 2 = (-2) \times (-2)$ and further as that $4^2 = 2^4$ makes the mathematics of 2 being of different values than that of mathematics of '1 as 1'.
10. One shall sit comfortably and permit the transcending mind to chase distinguishing features of mathematics of 2 as 1 than that of the mathemaics '1 as 1'.

DAY 2 4-SPACE MATHEMATICS-II

1. Mathematics of '1 as 1' is of linear order 3-space of linear axis format / of line / interval format, while mathematics of '2 as 1' is of spatial order of 4-space of spatial dimension format / surface / square format.
2. Mathematics of '1 as 1' is of full units while mathematics '2 as 1' is of half units.
3. Upper limit of mathematics of 1 as 1 attains first element (Earth) while upper limit mathematics of 2 as 1 attains second element (Water).
4. It would be relevant to note that the classical unsolved mathematical problems like Fermat last theorem, Goldbach theorem, Existence of every where continuous but no where derivable functions remained unsolved only under mathematical tool of '1 as 1'.
5. These unsolved mathematical problems infact bring to focus the limits of mathematical tools of '1 as 1'.
6. These mathematical problems get solved mathematical tool of '2 as 1'.
7. It would be relevant to note that solids / 3-space bodies transits and transforms into structural set ups of hyper cube 4 as four fold manifestation layers (1, 2, 3,

- 4) / (1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin).
8. With its center of cube becomes the seat of creative source origin of spatial order and as such being of distinguished features than that of every other point of cube.
 9. It would bring to focus as that while center of the cube would deserve to be approached in terms of mathematics of 2 as 1' while every other point of the cube (domain/ volume) would deserve to be approached in terms of mathematics of '1 as 1'.
 10. One shall sit comfortably and permit the transcending mind to chase cube as 3-space body being hyper cube 3 within creator space (4 space) of spatial order and manifesting as a four fold manifestation layer (1, 2, 3, 4) / (1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin).

DAY 3 4-SPACE MATHEMATICS-III

1. Mathematics of '1 as 1' approaches 3-space in terms of three dimensional frame of linear dimensions while mathematics of 2 as 1 approaches 4-space in terms of four dimensions of spatial set ups.
2. Ancient wisdom designates 4-space dimensional frame as swastik frame superimposed upon origin of 3-space / center of cube.
3. Swastik frame so super imposed upon origin of 3-space / center of cube churns out spatial order values from within the origin / center.
4. The spatial order values manifest outward expending concentric circles formats.
5. The churning process as an end result splits three dimensional space into eight octants enveloping the creator space (4 space) which was so far sealed at origin of 3-space / center of cube.
6. Further as a consequence 3-space as eight octants / cube as eight sub cubes accept a new role as of solid boundary of eight components of creator space (4 space).
7. It is this transition and transformation phenomenon of reaching from cube as hyper cube 3 to hyper cube 4 as manifestation layer (2, 3, 4, 5) / (2-space as dimension, 3-space as boundary, 4-space as domain and 5-space as origin) deserves to be chased completely to imbibe fully its value.
8. Parallel to cube, hyper cube as well shall be having its center as being of distinguishable structure as it being of solid dimensional order than that of every other point of hyper cube 4 being of structures of spatial order.
9. It would be relevant to note that the origin of 4-space being of a solid dimensional order shall be bringing to focus yet another role for 3-space.
10. One shall sit comfortably and permit the transcending mind to sequentially chase the roles of 3-space as domain fold / volume of cube, as boundary fold as solid

boundary of 4-space and as solid dimensional order of source origin of creator space (4 space).

DAY 4 4-SPACE MATHEMATICS-IV

1. During the churning process at the center of cube leading to release of creator space (4 space) with hyper cube 4 as its representative regular body, a step ahead this process shall be leading to release of transcendental domain (5-space) at the source origin of creator space (4 space).
2. This release of transcendental domain at source origin of creator space (4 space) being of a solid order, as such because of the spatial order of 4-space churning would be of two fold steps, at five space as domain as well as at 3-space as domain being in the role of dimension.
3. It is this churning feature at the source origin of creator space (4 space), is of transcendental features, as much as that there churning is not only going to be within 5-space as domain but also within its solid dimensional order as well.
4. The phenomenon of simultaneous churning of domain as well as of dimensional order is of unique features which make mathematics of 2 as 1 being of very special features and these special feature deserve to be chased completely for imbibing their values fully.
5. As churning at solid dimensional order would amount to release of creator space (4 space) within each of the five solid dimensions, as such this five fold creative spaces simultaneous release deserve to be chased completely and to imbibe fully.
6. This phenomenon of release of creator space (4 space) within each of solid dimension is in continuity of and is parallel to 3-space playing the role of origin fold of the manifestation layer (0, 1, 2, 3).
7. The simultaneous chase of above phenomenon would bring into focus the spatial order itself being of a manifestation format of manifestation layer (0, 1, 2, 3).
8. It is chase of spatial order as manifestation layer (0, 1, 2, 3, 4) / 0-space as dimension, 1-space as boundary, 2-space as domain as 3-space as origin) would bring to focus the role of 0-space as dimensional order of 2-space.
9. It is this feature of 0-space being in the role of dimension of dimension of creator space (4 space) which makes the mathematics of 2-space as mathematics of spatial dimensional order, as well as of 0-space as dimension of dimension of creator space (4 space).
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to be face to face with the role of 0-space as dimensional order of 2-space which itself is to play the role of dimensional order of creator space (4 space).

DAY 5 4-SPACE MATHEMATICS-V

1. The ancient wisdom deserves mathematical model of grids format (Vrishni) to reach at dimension of dimension order.
2. The grid zones, with coordination of grids center works out in grid format super imposed upon another grid format.
3. It is this sequential process of super impositions of grids over grids which by appropriate applications can help work out simultaneously domains, dimensions and dimensions of dimensions order.
4. $N \times N$ grid shall be making available $(N-2) \times (N-2)$ grid format of centers of grid zones of $N \times N$ grid.
5. With it N -space and its dimensional order $(N-2)$ space would get coordinated for simultaneous chase.
6. A step ahead, the further super imposition of $(N-4) \times (N-4)$ grid upon $(N-2) \times (N-2)$ grid zones shall be leading from dimensional order to dimensions of dimensional order itself.
7. Here it would be relevant to note that for its attainment the super impositions of grid formats over grid formats in terms of centers of grid zones would require to be appropriately adjusted.
8. To have proper appreciation of the need for appropriate adjustment, one may start with 5×5 grid yielding 4×4 grid zones and their centers initially making available 4×4 grid whose centers coordination is to yield 3×3 grid but the centers of above 4×4 grid would get super imposed upon the cross points of start with 5×5 grid.
9. It is this super imposition of cross points of 5×5 grid and of 3×3 grid which would bring into focus the need for appropriate adjustment for chasing domain values as well as dimensional values, and likewise from dimensional values, dimension of dimension values while working with grid formats work out the mathematics of 2 as 1.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deed sittings of trans to ascertain appropriate adjustment needed while working with grids format as a model of mathematics of '2 as 1'.

WEEK-38 4-SPACE SCIENCES

DAY 1 4-SPACE SCIENCES-I

1. Sciences domain formally may be defined as concerning the space content.
2. 4-spaces sciences, as such are concerned about 4-space content.
3. 4-spaces sciences domain accordingly would be of volume of features ascertainable with mathematical certainty and technology workable.
4. Only such features of 4-space content which fall within mathematical certainty on the one hand and the technological workability on the other hand are designated as scientific features of concerned space feature.

5. 4-space is designated and is known as creator space (4 space) as it provides manifestation format for whole range of creations because of its spatial dimensional order.
6. The core feature of 4-space content is that it itself manifests along manifestation format of 4-space as hyper cube 4.
7. Therefore the upper limit of 4-space sciences is to be of the order and values of 4-space domain.
8. 4-space domain is third fold of the manifestation format for which the role, as such is played by 4-space content.
9. Likewise the whole range of dimensional spaces contents play third fold roles for their respective dimensional bodies as manifestation layers within creator space (4 space).
10. With it, this feature of every space content being third fold of the manifestation layer shall be making 4-space sciences to be of additional values as much as that here in addition to the features of 4-space content, the features of 5 and higher dimensional spaces as well as of three and lower spaces content can be projected with the spatial dimensional constraints of creator space (4 space).

DAY 2 4-SPACE SCIENCES-II

1. The different roles of 4-space content as dimension fold, boundary fold, domain fold, origin fold and even base of origin fold and step ahead as format beneath the base of origin fold shall be characteristically adding to the scientific features of 4-spaces sciences domain.
2. Of it, the prominent role of 4-space content as dimensional order of 6-space shall be providing projection for scientific features of 4-spaces sciences within self referral 6-space domain.
3. With it the measuring rod of 6-space may be available for scaling the projection of the upper limit of 4-spaces sciences domain.
4. The external features of measuring rod of 6-space which run parallel to shed chakra format of human body shall be in the sequential order of 2, 4, 6, 8, 10, 12.
5. This range were given as half measuring unit shall be covering up till half range (2, 4, 6).
6. With it the covering fold possible for simultaneous transcendence and ascendance as sequential triple steps (2, 4, 6).
7. This cover shall be providing fixation coordinates for the respective domains as of order 1 x 2, 2 x 4, 3 x 6, 4 x 8, 5 x 10 and 6 x 12.
8. The mathematics of 2 as 1 shall be providing a jumps and shall be taking to a sequential order 1 x 2, 3 x 6, 5 x 10.
9. Study zone of Srimad Bhagwad Geeta avails this organization format of micro level existence phenomenon, parallel to which the present day periodic table coordination of elements is emerging.

Geeta study Zone figure

10. One shall sit comfortably and permit the transcending mind to have comparative chase of the ancient wisdom approach of Srimad Bhagwad Geeta Study zone as well as of the present day periodic table coordination of elements.

DAY 3 4-SPACE SCIENCES-III

1. Mundane technologies of linear order of 3-space are parallel to the technologies of solids formats, while the micro technologies of spatial order of 4-space are parallel to the technologies of water element format.
2. With it, the sciences of 4-space become water element specific.
3. Water element format covers whole range of liquids / liquefied contents.
4. Water format and micro level flow formats as of the orders of the external characteristics of the measuring rod run parallel to each other.
5. Solid domains fulfilled with liquids would make solids in a liquefied states set ups and accordingly chase would transit and shift from linear order set ups to spatial order set ups
6. With it the focus and attainments of 4-space sciences naturally would be of different features and attainments than that of 3-space sciences.
7. Also 4-space sciences, naturally would be of different features than that of 5-space sciences whose focus is to be upon fire element and also upon the solid order.
8. Different elements in their liquefied states shall be working out different features of 4-space sciences.
9. This way would emerge grouping and re-organization of features of 4-space content at its spatial dimensional formats as a range of Disciplines of 4-space sciences.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of re-grouping and organization of different features of 4-space content manifesting as a range of discipline of 4-space sciences.

DAY 4 4-SPACE SCIENCES-IV

1. 4-space content, in the context of 3-space matter, is to be of un expressed features vis-à-vis the expressed features of physical matter.
2. Ancient wisdom approaches it as Avakata and Vyakata respectively.
3. The same is approachable vis-à-vis light being darkness.
4. One way to approach 4-space content is as Dark matter.

5. Dark matter, as 4-space content, naturally shall be of distinct features than those of the physical matter of 3-space.
6. Dark matter accordingly is to be approached along spatial dimensional format.
7. It also may be approached at the gaps of the odds sequence (1, 3, 5, 7, —).
8. Likewise physical matter may by suitable adaptation may be approached at the gaps of even sequence (2, 4, 6, 8, —)
9. To bridge the gaps / voids, as such would become the basic skills need by availing synthesis stitches to be provided by the dimensions of dimensions.
10. It is the mathematics of synthesis of dimension of dimension by availing synthesis stitches provided by dimensions of dimensions which deserves to be completely imbibed to workout the sciences of 4-space for their applied values and technologies.

DAY 5 4-SPACE SCIENCES-V

1. Synthesis of dimensions Discipline of 4-space mathematics to be availed by 4-space sciences works as a pair of dimensions availing one synthesis stitch, three dimensions availing pair of synthesis stitches and in general N dimensions availing (N-1) dimensional stitches.
2. N-space as dimension shall be availing (N-2) space as dimensional stitch.
3. Mathematics of pair of dimensions synthesis, as such shall work out as of values $N+N - (N-2)=N+2$, which is like N dimension leading to N+2 domain.
4. Mathematics of 3 dimension synthesis shall work out as of values $(N+2) + N - 2 (N-2) = 6$, a unique feature as that synthesis of three dimensions of any dimensional order shall always be leading to 6-space.
5. Mathematics of 4 dimensions synthesis shall work out as of values :-
 $6 + N - 3 (N-2) = 12 - 2 N$, which for value $N=6$ shall be leading to 0-space
6. Mathematics of 5 dimensions synthesis shall work out as of values:-
 $(12 -2 N) + N - 4 (N-2) =20-5N$, which for value $N=4$ shall be leading to 0 space.
7. Here it would be relevant to note that mathematics of 4 dimensions of 6-space, namely the synthesis of four self referral dimensions, leads to 0-space which is dimension of dimension of dimension of 4-space, a unique transcendental phenomenon of providing sequential transcendence amongst the sequential dimensional orders.
8. Likewise synthesis of five creative dimensions shall be leading to 0-space, which is dimension of dimension of creator space (4 space) itself.
9. It would be blissful exercise to chase the synthesis of six dimensions which shall be working out the values as $(20-5N) +N - 5 (N-2) = 30- 9 N$, a phase and stage which would never lead to 0-space.

10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the mathematics of synthesis of any number of dimensions of any dimensional order.

WEEK-39 4-SPACE TECHNOLOGY

DAY 1 4-SPACE TECHNOLOGY-I

1. 4-space technology is all about the applied values of 4-space body format.
2. It is a four fold format.
3. The four folds are of dimension, boundary, domain and origin features.
4. In general this format is expressible as (N, N+1, N+2, N+3) / (N-space, N+1 Space, N+2 space, N+3 space) / (N space as dimension fold, N+1 space as boundary fold, N+2 space as domain fold and N+3 space as origin fold).
5. In particular (1, 2, 3, 4) is the format for manifestation of 3-space set up as 3-space bodies (with focus upon domain fold).
6. These different folds roles in case of manifestation layer (1, 2, 3, 4) are played by the respective space content of 1-space, 2-space, 3-space and 4-space respectively.
7. One shall have a fresh look at the set up of the cube.
8. The dominant expression features here are of its volume, because of which it is of the features of solid bodies of 3-space.
9. Solids as 3-space bodies retain focus only upon its volume being expression of 3-space content.
10. However, it in 4-space gets expressions for its other folds like that of linear dimension, spatial boundary and hyper solid origin and it is this expression for its all folds which makes cube as hyper cube 3 (with 1-space content expression as linear dimension, 2-space content expression as spatial boundary, 3-space content expression as volume and 4-space content expression as origin).

DAY 2 4-SPACE TECHNOLOGY-II

1. Hyper cube sequence [(-1, 0, 1, 2) / Hyper cube 1, (0, 1, 2, 3) / Hyper cube 2, (1, 2, 3, 4) / Hyper cube 3, (2, 3, 4, 5) / Hyper cube 4, (3, 4, 5, 6) / Hyper cube 5 and so on] is sequentially chased by 4-space technology.
2. Hyper cube 4 (2, 3, 4, 5) as such being the representative regular body of 4-space, manifesting in 4-space along its own four fold manifestation format, as such becomes the prime format for 4-space technology.
3. Ancient wisdom preserves that even the Creator the supreme, Lord Brahma, the presiding deity of 4-space, manifests its own idol along the hyper cube 4 format and as such He has four heads (parallel to four dimensions of 4-space), and each head is equipped with a pair of eyes (parallel to spatial dimensional order of 4-space) and there is a lotus seat of eight petals (parallel to eight components solid boundary of 4-space).

4. Ancient wisdom, further enlightens as that Lord Brahma meditates in His own heart (parallel to origin fold of hyper cube 4) upon His lord, Lord Shiv, the Lord of transcendental worlds (5-space / C) / (parallel to 5-space in the role of origin of 4-space).
5. Ancient wisdom, further enlightens as that while so meditating, Lord Brahma goes transcendental and multiplies Himself ten fold (parallel to ten fold creative boundary of transcendental worlds).
6. This as such, brings to focus the transcendental features of 4-space technology which deserve to be fully imbibed.
7. Each fold of (2, 3, 4, 5) / four fold manifestation layer together manifesting hyper cube 4, deserves to be chased by the students of 4-space technology.
8. This chase is to be in sequential order as transition from one fold to the next fold as well is a basic feature of 4-space technology whose complete comprehension only would help imbibe its values.
9. It would be blissful exercise to tabulate the features of each of the fold of the manifestation layer (2, 3, 4, 5), which as well is going to be of the format of the manifestation layer (N, N+1, N+2, N+3) for N+2=2, 3, 4 and 5 respectively.
10. This way the expression format for such tabulation would be of the features of 4 x 4 matrix format for the features of each fold, as follows:

For different roles of 2-space

-1	0	1	2
0	1	2	3
1	2	3	4
2	3	4	5

For different roles of 3-space

0	1	2	3
1	2	3	4
2	3	4	5
3	4	5	6

For different roles of 4-space

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

For different roles of 5-space

2	3	4	5
3	4	5	6
4	5	6	7
5	6	7	8

1. Spatial order focus would be upon 2-space in its set up as surface / square.
2. One shall have a fresh look at the set up of the square with '2 as 1' approach.
3. It shall be bringing to focus as that this set up is of 9 points (four corner points and four middle point of the four edges and one center), 12 lines (2 x 4 parts contributed by four edges and 2 x 2 lines contributed by the pair of axis with center as origin) 6 surfaces (four grid zones and two facets of the square).
4. This is parallel to 9 points (8 corner points and one center of cube), 12 edges of the cube and six surfaces of the cube.
5. This would help us appreciate the way pair of facets of surface / square sandwiched the volume at cipher value.
6. This would further help us appreciate the way spatial order would transit into solid order.
7. It also would bring to focus the way 2-space as dimension transits into the role of 3-space as boundary.
8. Still further it would also bring to focus the way cube would split into eight sub cubes and the way the solid boundary would split into eight components.
9. It would be blissful exercise to chase the phenomenon of sequential transition from the role of 2-space as dimension to that of 3-space as boundary of eight components.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to chase spatial dimensional order for its features with focus as to the way it transits and transforms into the role of solid boundary of eight components of hyper cube 4.

DAY 4 4-SPACE TECHNOLOGY-IV

1. The transition and transformation from the role of solid boundary to that of source origin of solid dimensional order deserves to be chased.
2. One shall have a fresh look at the set up of hyper cube 4.
3. Hyper cube fully manifests 4-space content as domain fold.
4. With this manifestation of 4-space content in its exhaustive way, it sets itself within 5-space all around.
5. One shall again have a fresh look at the set up of hyper cube 4 as 4-space enveloped within 3-space / solid boundary and the whole set up being within 5-space, which is of a solid dimensional order.
6. It would bring to focus the way solid boundary with its strip off from 4-space domain shall be working out 5-space dimensional structures while the 4-space domain itself shall be providing hyper dimensional structures for 6-space origin source of 5-space.

7. Technologically, solid boundary transforming itself in the role of solid dimensional order and simultaneously hyper solid domain (4-space) transforming itself in the role of hyper dimensional order (creative order) is a phenomenon which deserves to be chased completely and to be imbibed fully.
8. It is the feature of boundary and domain simultaneously playing their respective roles makes the sequential order of domain boundary ratios $A^N : 2N B^{N-1}$ for $N=1, 2, 3, 4, 5, 6$, in particular, to be of great technological values.
9. In addition the role of triples $(N, N+2, N+4)$ particularly for $N=2$ is of great technological value for the four space technology discipline.
10. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon of the roles of triple $(2, 4, 6)$.

DAY 5 4-SPACE TECHNOLOGY-V

1. Role of transcendental origin of creator space (4 space) is of great mathematical, scientific and technological promises.
2. It has the promise of transcending from Suksham Sharir to Karan Sharir.
3. It is this attainment with which one can simultaneously live at all the three platforms of Sathul Sharir, Suksham Sharir and Karan Sharir.
4. It would infact be a transition from spatial order to solid order, and parallel to it there would be a transition from second chakra to third chakra of human frame.
5. It would be blissful exercise to chase this three fold existence phenomenon as simultaneous linear order, spatial order and solid order existence phenomenon.
6. Further it is parallel to the simultaneous play of triple artifices $(1, 2, 3)$.
7. Parallel to it would be the availability of triple formats of (internal, square and cube).
8. It would be relevant to note that $(A+2)^N$ for $N=1, 2, 3$ runs parallel to the geometric / structural components of interval, square and cube.
9. As $(1, 2$ and $3)$ is the only triple of consecutive three primes, as such the first three folds of manifestation layers accordingly have the dominant role to play for the manifested creations phenomenon.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to glimpse different features of the discipline of 4-space technology.

WEEK-40 4-SPACE V.M.S & T

DAY 1 4-SPACE V.M.S & T-I (CONTENT FOCUS)

1. 4-space Mathematics, 4-space Sciences and 4-spaces Technology are the disciplines of the basic discipline of 4-space VMS & T.
2. 4-space VMS & T has its different focus centers like content focus, body focus, carriers focus.
3. The different approaches of 4-space VMS & T, amongst others, ultimately are of artifices centric and geometric format center.
4. Artifices centric and geometric format centric approaches of Vedic mathematics, science and technology disciplines of all dimensional spaces are of the values of Sankhiya Nishtha and Yoga Nishtha.
5. Artifice 4 and hyper cube 4 as such are of ultimate help for this pair of approaches of 4-space VMS & T .
6. Artifice 4 runs parallel to dimensional frame of four dimensions of 4-space.
7. Hyper cube 4 manifests 4-space content as its domain fold.
8. As such content focus of 4-space VMS & T would be upon Bindu Sarovar of creative features / 4-space content point within spatial dimensional frame of 4-dimensions.
9. Ancient wisdom works it out as Bindu Sarovar of creative values super imposed by a swastik frame which churns at the center / origin of Bindu Sarovar (point reservoir) in east- south – west – north orientation.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the phenomenon of 4-space content churning within Swastik frame.

DAY 2 4-SPACE V.M.S & T-II (BODY FOCUS)

1. The attainment of swastik churning of 4-space content points ultimately would lead to churning of the solid dimensional order to have transition and transformation through transcendence from solid dimensional order to creative dimensional order.
2. It is this attainment of transition and transformation through transcendence of the solid dimensional order into creative dimensional order which is to be the ultimate attainment of 4-space VMS & T .
3. Creative dimensional order, being their because of creator space (4 space) in the role of dimension fold of self referral domain (6-space), as such here within 6-space domain the transcendental ranges would go self referral.
4. It is this phenomenon of self referral interaction of the pair of transcendental ranges, which shall be making the phenomenon of transition and transformation

through transcendence of solid dimensional order into creative dimensional order as of sequential features, as that the creative dimensional order at its origin fold shall be of solid order which as well shall be yielding creative order and this process like that to continue ad-infinitum

5. The technological advantage of this ad-infinitum sequential chain reaction of dimensional orders transiting and transforming through transcendence into creative orders is to be exploited well.
6. Here for it, naturally 4-space mathematics, 4-space sciences and 4-space technology all would be simultaneously into play.
7. Pursha format itself being of 6-space format, as such the attainments of the sadkhas as well, naturally would be of equal match.
8. The ancient wisdom enlightenment of Lord Brahma multiplying as ten Brahmas makes it amply clear as to the way the creative space, in the process of, transits and transforms from its domain role to its creative boundary of transcendental boundary role.
9. As such 4-space content for its different roles is to be chased.
10. One shall sit comfortably and permit the transcending mind to chase 4-space content focus of 4-space VMS & T,

Day 3 4-space V.M.S & T-III (carriers focus)

1. Hyper cube 4 focus of 4-space VMS & T, shall be sequentially focusing upon inner folds of the manifestation fold.
2. Here inner fold of dimension fold is dimension of dimension of 4-space.
3. Mathematics, sciences and technologies of dimension of dimension of 4-space deserve to be worked out simultaneously.
4. Likewise the external fold of boundary of boundary of 4-space deserves to be chased fully.
5. This chase as well shall be simultaneously in terms of 4-space mathematics, sciences and technologies.
6. Origin of origin is infact the fourth fold (origin fold) of the manifestation path of the dynamic origin being in the role of dimension fold.
7. 5-space as origin fold, in its dynamic state, shall be along the four fold manifestation path (5, 6, 7, 8) with its fourth fold, as origin of origin, shall be of the order and values of Asht Prakrati / 8-space.
8. Origin of domain as well can be approached as origin as domain enveloped by the startwith domain in the role of boundary of the domain of the origin.
9. 4-space as domain and 5-space as origin shall be taking us to 5-space as domain and 4-space as boundary.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to chase origin fold of 4-space, namely 5-space in

dynamic state along its four fold manifestation path leading to origin of origin (8-space).

DAY 4 4-SPACE V.M.S & T-IV (ARTIFICES VALUES)

1. 4-space VMS & T simultaneously chases pure as well as applied values of 4-space.
2. Ancient wisdom availed this Discipline of 4-space VMS & T and reached at Rigved Samhita.
3. The knowledge as well as the organization of knowledge of Rigved Samhita run parallel to each other because of the spatial dimensional order of creator space (4 space).
4. Organization of Rigved samhita as ten mandals is parallel to ten creative boundary component of transcendental worlds (5-space).
5. Organization of Rigved Samhita as eight ashtaks is parallel to eight fold solid boundary of creator space (4 space).
6. Stepwise ahead the organization feature of Rigved Samhita as set up of anuvaks, vargas, suktas, richas and akshras as well parallel to the features of creator space (4 space).
7. The akshras (syllables) range of 432000 akshras is parallel to the age of Lord Brahma creator the supreme and presiding deity of creator space (4 space).
8. The division of 432000 akshras as 34735 un-manifest and 397265 manifest akshras is the feature which is of special characteristics and the same as well deserve to be chased with pointed attention.
9. Further fixation of each Richa (mantra /hymn) in terms of (Rishi, Devta, Chandus, Swara) as well is of specific feature of this organization whose comprehension will go a long way be phased to phased with the values and order of applied values of 4-space technologies, in particular.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse the parallel feature of knowledge as well as organization of knowledge of Rigved samhita.

DAY 5 4-SPACE V.M.S & T-V (GEOMETRIC FORMAT)

1. The feature of organization of whole range of knowledge as single discipline is a unique feature whose understanding would be possible with a chase of applied values of 4-space VMS & T.
2. It is with re-organisation of whole range of knowledge as single Ved into four Vedas, namely Rigved, Yajurved, Samved and Athrav Ved and as a consequence of it there being many richas being common of Rigved samhita, yajurved samhita, samved samhita and aturavved samhita.

3. Common richas are there because of common manifestation, transcendence and self referral formats.
4. Further as that an additional, namely fifth fold, transforms manifestation format into transcendence format and ahead an additional i.e. sixth fold transforms transcendence format into self referral format.
5. Creator the supreme, Lord Brahma is the overlord of manifestation format, while transcendental lord, lord Shiv is the overlord of transcendental format and Lord Vishnu is the overlord of self referral format and these three lords together are Trimurti, simultaneously manifesting, transcending and going self referral.
6. As such (3, 4, 5, 6) manifestation layer as (3) and (4, 5, 6) become of the values and order of (Triloki and Trimurti).
7. With it (1, 2, 3, 4), (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) expressions formats for the four folds of (3, 4, 5, 6) make manifestation, transcendence and being self referral as a continuous process of unity values flow from unity source origin into self referral domain of transcendental boundary and creative dimensional order.
8. It is in this process that Rigved Samhita is the fruit of 4-space VMS & T, Yajur Ved Samhita is the fruit of 5-space VMS & T and Samved Samhita is the 6-space VMS & T.
9. Lord Krishna, incarnation of Lord Vishnu, enlightens in the Divine Dialogue of Shrimad Bhagwad Geeta as that:- 'amongst Vedas He is Samved'.
10. One shall sit comfortably and permit the transcending mind to glimpse the continuity of organization of knowledge as Rigved, Yajurved and Samved and Aturav Ved.

WEEK-41

5-SPACE MATHEMATICS

DAY 1 5-SPACE MATHEMATICS-I

1. 5-space mathematics is all about Bindu Sarovar of transcendental structures.
2. It as such would be of five fold transcendental range.
3. Transcendental range provides a transition process from one manifestation layer to next manifestation layer.
4. This in a way would be a process of simultaneously dealing with a pair of consecutive manifestation layers and attaining transition from one manifestation layer to the next manifestation layer.
5. It would be like transcending from fourth component of sole syllable Om to a step ahead.
6. Fourth component, being a step ahead of Vyakata (expressed state)/ (3-space set up / third fold / domain fold, it shall be leading to Avakata (un manifest state / 4-space set up / fourth fold / domain fold of the manifestation layer).
7. A step ahead would be Avakato Avakatat / base of un manifest / base of orgin fold / 5-space set up / fifth fold (of transcendental range).

8. This as such would be the attainment of transcendence through origin fold and having a reach at the base of the origin fold.
9. With each of the fold of the manifestation layer itself being a four fold manifestation layer, as such this process of transcendence at the origin fold, would take place at origin fold of each fold of manifestation layer, and as such the whole of the transcendence range shall be at the base of the origin folds of all the four folds of every fold of manifestation layer.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to glimpse this transcendence phenomenon through the origin folds of all the folds of the manifestation layer which infact would amount to a transition from one manifestation layer to another manifestation layer and that to be being at the base of the origin fold of origin fold of the second manifestation layer.

DAY 2 5-SPACE MATHEMATICS-II

1. The transition process from one manifestation layer to the next manifestation layer being of the features of transcendence at origin folds, the same as such becomes a mathematics chase of the phenomenon being of different features than that of mathematics of spatial order of creator space (4 space).
2. The solid order of the origin fold of creator space (4 space) during transcendence at the origin fold, as such shall be fulfilling the spatial order domain of creator space (4 space) with solid order values of the transcendental worlds (5-space / C).
3. This, in a way would be of the features of solid order being super imposed upon the spatial order.
4. This for all practical purposes would be a process of spatial order/ 2-space / square transiting and transforming into solid order / 3-space / cube.
5. Square, within cube, being within a pair of dimensions of 3-space, as such third dimension of 3-space would be freely available, and progression along that direction would play its role for its transition and transformation and attainment of super imposition of solid order upon spatial order.
6. This in the process shall be making squares a double facet surfaces.
7. This also shall be sandwiching solid contents at unmanifest state within the pair of facets of the squares / surfaces.
8. One may have a fresh look at the set up of a cube by having a focus at its volumn as it is enveloped within six surface plates and the glimpse the phenomenon of volumn getting sandwiched between pair of surface plates coordinated by dimensions of three dimensional frames.
9. Further one may have a fresh look at the set up of the sphere by having a focus at its volumn as it is enveloped within a continuous surface and also getting fractured into six components parallel to three pairs of half dimensions of three dimensional frame.

10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to chase the phenomenon of boundary of cube getting fractured as of six components and on the other hand the volume of sphere as well getting fractured into six components and thereby there remaining domain boundary ratio in both situations as of formulations $A^3 : 6B^2$

DAY 3 5-SPACE MATHEMATICS-III

1. The external fractured boundary of six components in case of cube and internal fractured domain also of six components in case of sphere is there because of spatial order four fold manifestation formats for them.
2. This four fold manifestation formats for cube as well as for sphere, and in fact for every solid body / representative regular body of 3-space is there because of three dimensional frame getting split into a pair of three dimensional frames of half dimension.
3. One shall have a fresh look at the set up of the cube with a focus upon three dimensional frame of half dimension embedded into each of the eight corner points of the cube.
4. The way these eight three dimensional frames of half dimensions are oriented as embedded into the corner points of the cube permit their coordination along four internal diagonals of the cube as that the pair of such three dimensional frames embedded into the pair of end points of these diagonals being in the opposite orientations.
5. It would be blissful exercise to chase this opposite oriented three dimensional frames of half dimensions being there in the pair of corner points of the internal diagonals of the cube to see that their inward translations towards the middle of the diagonal / center of the cube shall be providing a synthesised three dimensional frame of full dimensions.
6. It would be not one but four of them (three dimensional frame of full dimensions being simultaneously available at the center of the cube due to translations and synthesis of four pairs of three dimensional frames of half dimensions originally embedded into the corner points of the cube.
7. In addition to these four three dimensional frames, there would be a fifth and the main three dimensional frame already there at the center of the cube sustaining cube itself, and thereby there being the availability of as many as five three dimensional frames being always there to make it a solid dimensional order for the set up of transcendental worlds (5-space / C).
8. It would be a very blissful exercise to chase the phenomenon of emergence of solid dimensional frame of five dimensions for the transcendental worlds being their embedded in fractured state in the set up of the cube.

9. Further it also would be a very blissful exercise to chase the phenomenon of emergence of solid dimensional frame of five dimensions for the transcendental worlds being their embedded in fractured state in the set up of the sphere as well.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to simultaneously chase this phenomenon of emergence of solid dimensional order of five dimensions for transcendental worlds and reference to cube as well as in reference to sphere as representative regular bodies of 3-space.

DAY 4 5-SPACE MATHEMATICS-IV

1. One way to approach the phenomenon of simultaneous chase of emergence of solid order frame for transcendental worlds of five dimensions is to chase sphere within a cube, as well as a cube within a sphere.
2. A step ahead both above situations may be worked out by having a sphere within a cube which itself is within another sphere.
3. Other way round, this chase could be in terms of a cube within a sphere which itself being within another cube.
4. A sequential four stages set ups of (1) A cube within sphere within cube within sphere and (2) A sphere within cube within sphere within cube are infact in reverse orientations set ups and either of it may be availed to have a complete simultaneous chase for the emergence of five solid dimensional frames for transcendental worlds, may it be in reference to cube or in reference to sphere, and in fact in reference to any solid / representative regular body of 3-space.
5. To have a full comprehension of the above chase process, one shall in sequential steps chase cube within sphere and sphere within cube, being approached in their paired states.
6. The paired state of cube within sphere and sphere within cube in appropriate sequential set ups shall be providing suitable mathematical model of pure and applied values for complete chase of five solid dimensional order of the transcendental worlds.
7. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of deep trans to chase representative regular bodies in paired states as above but these bodies (cubes / spheres) being in different roles (as dimension, boundary, domain, origin and base of origin).
8. These five distinct roles for three dimensional bodies (cubes / spheres) deserve to be worked out in their paired states to have a complete mathematical chase of the transcendental worlds within solid dimensional frames .
9. During the process, the distinguishable features of inner folds of five space domain due to solid bodies (cubes / spheres) being in different roles and simultaneously being the solid dimensional order deserve to be chased step by step.

10. One shall sit comfortably and permit the transcending mind to chase the way Lord Brahma, the presiding lord of creator space (4 space) goes transcendental and multiplies 10 fold in Shiv lok / transcendental worlds (5-space).

DAY 5 5-SPACE MATHEMATICS-V

1. One way to approach the inner structural folds of 5-space domain would be to sequentially approach the sequential range of cubes (1^3 , 2^3 , 3^3 , —).
2. 1^3 / cube of unit length, breadth, height is a set up of (1) origin (2) three dimensions (3) volume (4) six surfaces (5) 12 edges and (6) eight corner points, together making $1+3+1+6+12+8=31$ geometric components set up.
3. 2^3 / cube is a synthetic set up of eight unit cubes (1^3).
4. One shall chase the synthetic set up of 2^3 / cube and be face to face with the features of these set ups providing for its first sub cube all the above 31 geometric components.
5. However the second sub cube would be in a synthetic set up and there by it would get its one surface plates, four edges and four corner points going dormant and there by it shall be providing expression in terms of its remaining 22 geometric components.
6. One shall have a fresh look at the synthetic set up of eight sub cubes as 2^3 / cube and have a focused attention upon the way these are placed as a set up four sub cubes super imposed upon another four sub cubes and also the way the lower set of four sub cubes and upper set up of four sub cubes are placed and synthesised amongst themselves.
7. For this chase, one may have a cube soap cake and cut it with a knife along all the three dimensions and to have its split into eight sub cube soap cakes to get insight about the way these eight sub cubes soap cake were synthesised as a single cube soap cake prior to its split as eight sub cubes soap cakes.
8. A step ahead, one shall chase 3^3 / cube to have insight about the way its splits into 27 sub cubes and the way these 27 sub cubes synthesised a single cube.
9. And in the process one can sequentially chase 4^3 , 5^3 , and so on.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to glimpse this phenomenon of synthesis processes of the sequence of cube with (1^3 , 2^3 , 3^3 , 4^3 , 5^3 , —) and in particular the first five members of this sequence, namely (1^3 , 2^3 , 3^3 , 4^3 , 5^3).

WEEK-42 5-SPACE SCIENCES

DAY 1 5-SPACE SCIENCES-I

1. Focus of 5-space sciences is the transcendence process through origin fold.
2. It is of five fold transcendence path.
3. Every domain as third fold, of the manifestation layer, is of an order of one degree less than that of the order of the origin fold.
4. It is this additional degree of the order of the origin fold which with unlocking of the seal at the origin, releases an additional fold for the manifestation layer.
5. The unlocking of the seal at the origin fold and manifestation of an additional fold for the manifestation layers resulting into transition and transformation of them into five fold transcendence ranges deserve to be chased by the students of 5-spaces sciences.
6. It is during this chase that one would be face to face with the transition process in terms of which transcendence becomes possible from one manifestation layer to the next manifestation layer.
7. Sequentially as origin folds are of increasing dimensional order, as such beginning with the linear order manifestation (1, 2, 3, 4) of four folds, the same with unlocking of the seal of origin fold (4-space of spatial order), there would be a transition and transformation into next manifestation layer (2, 3, 4, 5).
8. With unlocking of the seal of origin fold (5-space of solid order), there would be additional dimension for the spatial order but in the context of start with linear manifestation layer (1, 2, 3, 4), there would be a two steps sequential attainment as the process shall be taking from 4-space origin to 5-space origin to 6-space origin.
9. It is this sequential release of sequential range of origins, otherwise so far being compactified as origin of 3-space, is the phenomenon which deserves to be chased, mathematical as well as scientifically.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sitting of deep trans to glimpse this phenomenon of compactified origins expressing as a sequential range of origins.

DAY 2 5-SPACE SCIENCES-II

1. 4-space sciences are 4-space content specific and 5-space sciences are of 5-space content specific.
2. 4-space content is designated and known as of Avakata features while 5-space content is designated and known as of Avakato Avkatat features.

3. Taking 3-space content as Vyakata / expressed state, 4-space content becomes Avakata state / un-manifest state and a step ahead 5-space content becomes of transcendental state at the base of Avakata / un manifest state.
4. Sequentially it shall be taking from 3-space body format of cube / hyper cube 3 to hyper cube 4 format to hyper cube 5 format and as such 5-space sciences and 3-space sciences would get coordinated like 3-space gets coordinated with 5-space as its dimension fold.
5. This, this way would amount to reaching inward from domain fold to its dimension fold to reach at the features of 5-space sciences vis-à-vis 3-space sciences / physical sciences.
6. This in a way would mean a shift from Earth element features to fire element features.
7. As such while 3-space sciences may be designated as Earth element sciences and 4-space sciences as water element sciences, a step ahead 5-space sciences would be designated as fire element sciences.
8. Fire as third element of five elements range would be parallel to third fold of five fold transcendence range.
9. As such third folds of five fold transcendence ranges shall be constituting a sequential range of fires for the transcendental ranges (1, 2, 3, 4, 5) with focus upon (3) a physical fire, (2, 3, 4, 5, 6) with focus upon (4) as creative fire, (3, 4, 5, 6, 7) with focus upon (5) as transcendental fire and (4, 5, 6, 7, 8) with focus upon (6) as self referral fire.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sitting of deep trans to chase sequential range of physical fire, creative fire, transcendental fire, self referral fire and so on.

DAY 3 5-SPACE SCIENCES-III

1. As fire are the middle folds of transcendental ranges, as such, 5-space sciences are middle / center / origin specific.
2. Being middle / center / origin specific, as such 5-space sciences are of inner progressions paths of transcendence processes.
3. It is with the unlocking of the seal that at the middle of the interval that same splits into a pair of sub intervals.
4. A step ahead, split at the center of the square, splits it into four quarter.
5. And a step ahead a cube splits at the origin as eight sub-cubes / octants.
6. It is this geometric progression of split process for 1-space, 2-space, 3-space which a step ahead changes the sequential progression rule because of 4-space being of a spatial order.
7. Fires as such become the subject matter of chase of 5-space sciences attaining splits at middle / center / origins.
8. This as such makes technological process to be of Yagha formats.

9. With it 5-space technologies become the Yagha technologies.
10. Yajurved is the pure and applied values attainment of 5-space mathematics, sciences and technology.

DAY 4 5-SPACE SCIENCES-IV

1. Shatpath Brahman is the ancient wisdom scripture of 100 basic yajnas scripture.
2. Yajurved Samhita is of 101 branches, and as such the ultimate yajna chase would be the chase of knowledge and organization of knowledge of yajur ved samhita itself.
3. Fire is the basic component of Yagha.
4. Fire is the transcendental carriers.
5. As such the role of the fire as transcendental carriers deserve to be chased.
6. The whole process of the Yagha is ultimately to initiate the process for the Fire, transcendental carriers to carry the manifested creations formats along with features.
7. Fire as transcendental carriers carries the manifested creations formats along with features to be Sun light carrier.
8. This as such makes fire attainments as transitions of creations format into Sama format to ride carriers of Sun light for orb of the Sun destination.
9. It is this coordination of Fire carriers and of Sun light carriers with creations format transiting and transforming into Sama carriers deserves to be chased in phased manner as 5-space sciences and technologies and as 6-space sciences and technologies.
10. One shall sit comfortably and permit the transcending mind and glimpse the above initial phase of 5-space sciences as a distinct phase of the transcendental domain (5-space).

DAY 5 5-SPACE SCIENCES-V

1. Artifices 5 and 6 are coordinated in terms of artifices 2 and 3 in terms of addition and multiplication operations as $5 = 2+3$ and $6 = 2 \times 3$.
2. Artifices 5 and 6 are further coordinated corresponding to different roles of 5-space and 6-space.
3. As manifestation formats 5-space and 6-space stand coordinated as

3	4	5	6
4	5	6	7
5	6	7	8
4. As such it would be a blissful chase for distinct 5-space phase of Fire carriers of manifestation folds coordinated 5-space and 6-space
5. As transcendental ranges 5-space and 6-space stand coordinated as

2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

6. As such it would be a blissful chase for distinct 5-space phase of Fire carriers of transcendental ranges folds coordinated 5-space and 6-space
7. As self referral ranges 5-space and 6-space stand coordinated as

1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8
4	5	6	7	8	9
5	6	7	8	9	10
8. As such it would be a blissful chase for distinct 5-space phase of Fire carriers of self referral ranges folds coordinated 5-space and 6-space
9. It would be blissful exercise to chase simultaneously 5-space mathematics and 5-space sciences.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the attainments of 5-space sciences as fire carriers.

WEEK-43 5-SPACE TECHNOLOGY
DAY 1 5-SPACE TECHNOLOGY-I)

1. 5-space technology is a transcendence technology.
2. It is also known as Vedic meditation technology.
3. Ancient wisdom preserves attainments of this meditation technology as transcendental attainments of Lord Brahma, creator the supreme, multiplying 10 fold.
4. It is because of it that this meditation technique is known as transcendental meditation technique of going transcendental.
5. Its continuity step is Lord Shiv going self referral as Dwadash Atiyas (12 Suns)
6. A step ahead is the unity state attainment of Lord Vishnu within all the 14 Bhuvans.
7. Sadkhas fulfilled with intensity of urge to have attainments of this technology shall go the transcendental meditation way.
8. Sequentially one shall aspire to be on creators meditation path, as well as upon transcendental lords meditation path.
9. A step ahead would be unity state attainment path of Lord Vishnu.

10. One shall sit comfortably and permit the transcending mind to be face to face with the continuity phenomenon of creative, transcendental and self referral paths of Trimurti.

Day 2 5-space technology-II

1.

Day 3 5-space technology-III

Day 4 5-space technology-IV

Day 5 5-space technology-V

Week-44 5-space V.M.S & T

Day 1 5-space V.M.S & T-I (Content focus)

Day 2 5-space V.M.S & T-II (Body focus)

Day 3 5-space V.M.S & T-III (carriers focus)

Day 4 5-space V.M.S & T-IV (artifices values)

Day 5 5-space V.M.S & T-V (geometric format)

Week-45 6-space mathematics

Day 1 6-space mathematics-I

Day 2 6-space mathematics-II

Day 3 6-space mathematics-III

Day 4 6-space mathematics-IV

Day 5 6-space mathematics-V

WEEK-46 6-SPACE SCIENCES

DAY 1 6-SPACE SCIENCES-I

1. 6-space mathematics focus is upon simultaneous transcendence and ascendance process.
2. This feature of simultaneous ascendance and transcendence within creative dimensions of self referral domain (6-space) internally covers up till dimension of dimension order (spatial order) and externally up till self referral domain (6-space).
3. The triple (2, 4, 6) deserves to be appreciated for its distinguishing feature than that of the triple (2, 4, 6) for it, initiation may be had within a solid order (3-space in the role of dimension).
4. Here cube as manifestation layer (1, 2, 3, 4) is of linear dimensional order and spatial order source origin fold.
5. Therefore 3-space as domain shall be workable in terms of triple (1, 3, 5) while origin fold of this manifestation layer (1, 2, 3, 4) / cube being of spatial order, same would be workable as triple (2, 4, 6).
6. Here It would be relevant to note that cube with sealed origin would be a mundane domain (sathul sharir) while source origin of this domain shall be subtle domain (suksham sharir).
7. This may simultaneous availability of pair of triples (1, 3, 5) and (2, 4, 6) would mean the availability of mundane domain with creative source origin intact in lively state.
8. It is this feature of sathul sharir with creative suksham sharir in lively state makes the existence phenomenon intact at its both platform.

9. It is simultaneous existence at both platforms which means the knife of spritual sadkhas being of different features than that of ordinary individuals.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to be face to face with this special feature of existence phenomenon within human frame simultaneously being at the pair of platforms of sathul sharir as well as at suksham sharir.

Day 2 6-space Sciences-II

1. The simultaneous transcendence and ascendance process of 6-space being of triple values of features (2, 4, 6), it as such simultaneously takes into loop the Karan Sharir as well.
2. It is a phenomenon of Karan Sharir as well being within the loop of existence phenomenon within human frame is a very delicate phase and stage of existence phenomenon and the same, as such is of the order and values of sustenance by self referral domain of Vishnu lok (6-space).
3. At this phase and stage of existence the simultaneous chase for pair of triples (1, 3, 5) and (2, 4, 6) becomes a spatial order transcendence and ascendance process availing the pair of dimensions of spatial order itself, as much as that while the first axis shall be covering the triple (1, 3, 5) and the second axis, as a step ahead, shall be covering the triple (2, 4, 6).
4. simultaneous coverage of pair of triples (1, 3, 5) and (2, 4, 6) along the pair of dimensions of spatial order as such makes this phenomenon of such delicate features as that same is cognizable only as consciousness impluses.
5. It would be relevant to note that consciousness domain is lively within intelligence field which itself is lively within the sensory domain, and as such whole of this process from sensory domain to consciousness impluses becomes of a spatial order (senses, intelligence, consciousness) which in a way would run parallel to the triples (1, 3, 5) as well as (2, 4, 6).
6. This being so the cognizance sphere of triple range (senses, intelligence, consciousness) would run parallel to the existence sphere of sequential range (sathul, suksham, karan) aspects of human frame itself.
7. This way sadkhas fulfilled with intensity of urge to transcend even beyond the transcendental features of karan sharir, have to transcend the consciousness field itself.
8. It is here where the self referral features of consciousness interacting with itself would come into play.
9. It is the phase and stage where the senior sadkhas exist.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse this phenomenon of existence of senior sadkhas at self referral consciousness platform

DAY 3 6-SPACE SCIENCES-III

1. It is the self referral feature of self referral domain (6-space), which deserve to be completely chase.
2. For this chase one way would be to work out artifice 6.
3. The other way would be to work out the range (Earth, water, fire, air, space, Sun).
4. It would be parallel to the range of five senses regulated by mind.
5. It is this regulation which of its own, as its inner folds would work out transition and transformation from sensory domain to the intelligence field.
6. A step ahead it would lead from intelligence bits to consciousness bits.
7. The consciousness bits as Bindu Sarovar / point reservoir fulfilled with transcendental structures which shall be initiating the process of simultaneous transcendence and ascendance within the solid dimensional order in its domain as well as in its source origin.
8. The source origin of solid order of being creative feature, as such, at the end, the self referral features would come into play.
9. It is this phenomenon of structured point of five space domain accepting super imposition of self referral values from its source origin which would emerge as the ultimate point of focus for the mathematical models of 6-space set ups.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to glimpse the features of source origin of transcendental worlds fulfilling the transcendental domain with self referral features.

DAY 4 6-SPACE SCIENCES-IV

1. Sadkhas fulfilled with intensity of urge to chase the way transcendental domains get fulfilled with self referral values shall follow the meditation path of creator the supreme himself.
2. One shall sit comfortably and meditate within cavity of one's own heart.
3. It would be the phenomenon of Lord Brahma, creator the supreme meditating upon Lord Shiv with a cavity of his heart.
4. Lord Brahma, creator the supreme is a four head lord with a pair of eyes.
5. It is like four human heads.
6. As such the sadkhas with one head equipped with a pair of eyes is to initiate oneself for attainment of the transcendental values attained by Lord Brahma with his first head.
7. It would be like attaining solid order by proceeding with the spatial order dimension.

8. The set of four spatial dimensions together with the fifth spatial dimensional seal at the origin of creator space (4 space), shall be ultimately leading to solid dimensional order of five dimensions.
9. It is this chase of solid order frame which deserve to be sequentially followed step by step.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sitting of trans to glimpse the chase process of solid dimensional order within creator space (4 space) in terms of its spatial order dimensional order frame.

DAY 5 6-SPACE SCIENCES-V

1. A step ahead would be the challenge of the attainment of hyper solid dimensional order of 6-space within transcendental domains in terms of solid dimensional order.
2. It is really a big challenge.
3. It is a challenge of the order of consciousness field going self referral.
4. It is the challenge of transcendental range transiting and transforming into self referral range.
5. This would be a step ahead of the transcendental attainments of Lord Brahma but the same is to be in continuity of it as being the self referral attainment of Lord Shiv.
6. This as such would be a step ahead and in continuity of the Lord Brahma multiplying as ten Brahmas.
7. This as such shall be leading to Lord Shiv in his self referral state multiplying as dwadash adityas (12 suns).
8. The transition and transformation from the phase and stage of Lord Brahma multiplying ten fold to Lord Shiv multiplying 12 fold is the transition and transformation from creative boundary of transcendental worlds getting fractured as of ten creative components and ahead the transcendental boundary of self referral domain getting fractured into 12 transcendental components.
9. One way to approach these phases and stages are firstly to transit from the phase and stage of nine geometries of 4-space / nine versions of hyper cube 4 to ten creative components of the transcendental domains, and then a step ahead, to transit from 11 geometries of 5-space / 11 versions of hyper cube 5 to 12 transcendental components of the boundary of hyper cube 6.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged sittings of trans to glimpse this simultaneous transcendence and ascendance process of sequential attainments of Lord Brahma as ten Brahmas and Lord Shiv as dwadash adityas (12 Suns).

Week-47 6-space technology

- Day 1** **6-space technology-I**
- Day 2** **6-space technology-II**
- Day 3** **6-space technology-III**
- Day 4** **6-space technology-IV**
- Day 5** **6-space technology-V**

WEEK-48 6-SPACE V.M.S & T

DAY 1 6-SPACE V.M.S & T-I (CONTENT FOCUS)

1. Main focus of 6-space VMS & T is upon 6-space content, the way it is different from transcendental content as well as from the unity state set up, and likewise from all other dimensional spaces content, becomes the main study zone of 6-space VMS & T.
2. The way the 6-space content manifest along manifestation format of creator space (4 space) deserve to be thoroughly chase by the students of 6-space VMS & T.
3. The way 6-space content permits transcendence along transcendence range of transcendental worlds would be the main research concern of the scholars of 6-space VMS & T.
4. Further the way 6-space content displays its self referral features along self referral range of self referral domain becomes the central concern of the academic scientists and applied technologist of 6-space VMS & T.
5. The way 6-space content unfolds its features within a dimensional frame becomes the basic challenge to work out sequential chase models for the features of 6-space content.
6. 6-space content as domain and 6-space content as boundary are two different chase models of 6-space content.
7. Likewise 6-space content as dimension and 6-space content as origin as well are two different chase models of 6-space content.
8. 6-space content as format is a unique challenge for its chase.
9. Likewise 6-space content as base of source origin would through big challenge for its followers.
10. And 6-space content as source origin of self referral values would provide a very blissful chase exercise for the mathematicians, scientists and technologists aiming to approach Sun as the source origin for sustenance of existence phenomenon on Earth.

DAY 2 6-SPACE V.M.S & T-II (BODY FOCUS)

1. 6-space VMS & T focus upon 6-space content would ultimately get concentrated upon 6-space body.
2. Ancient wisdom enlightens 6-space body being of the features of Sun.

3. And also of the features of Purusha.
4. Sun as 6-space domain and Purusha format as well being of hyper cube 6 format deserves to be chased thoroughly for completely imbibing the features of 6-space body.
5. Sun as 6-space body is of self referral features.
6. Of these the prominent features are: (1) Transition from 1 transcendental range to next transcendental range becomes possible as a self referral process of interaction amongst pair of consecutive transcendental ranges (2) And ahead, each transcendental range would provide a transcendental process for transition from one manifestation layer to the next manifestation layer and the pair of transcendental ranges shall be having parallel transitions for two pairs of consecutive manifestation layers.
7. Bindu Sarovar of 6-space domain shall be a structured point body of 6-space.
8. Different roles of 6-space along manifestation, transcendental and self referral formats shall be workable in terms of being in such roles.
9. The simultaneous inward and outward sequential progression within 6-space body would be parallel transcendental phenomenon which deserve to be chased simultaneously.
10. One shall sit comfortably and permit the transcending mind to 6-space body being in different roles within solar universe with pole star as the source origin.

DAY 3 6-SPACE V.M.S & T-III (CARRIERS FOCUS)

1. 6-space VMS & T for its applied values is to be of its carriers focus.
2. The carriers focus of 6-space VMS & Transcendental flow path is of transcendental carriers of Sun light.
3. Sun light visible spectrum of seven colours is seven stream flow of unity state values being fulfilled within transcendental domain / sky from source origin of Sun (being the 7-space unity state seat).
4. This way 5-space in the role of dimension for the unity state shall be playing as transcendental carriers of Sun light.
5. The another role of 5-space being as of transcendental boundary of self referral domain (6-space) as such the unity state values being carried by Sun light shall be ultimately manifesting as the transcendental boundary of self referral domain.
6. It is this feature of transcendental carriers which deserves to be chased with focused attention.
7. It also deserves to be chased as with focused attention as that the transcendental boundary splits into 12 transcendental components boundary and as that each such transcendental component being of the order and values of Aditya (Sun, domain fulfilled with unity state values).
8. With this focus one shall be face to face with the phenomenon of Sun transcendently multiplying 12 folds.

9. This phenomenon of Sun transcendental multiply 12 fold is a step ahead of Lord Brahma going transcendental and multiply 10 folds.
10. One shall sit comfortably and permit the transcending mind to remain in prolonged deep sittings of trans to simultaneously chased the transcendental phenomenon of Lord Brahma multiplying 10 fold and Lord Vishnu multiplying 12 fold.

DAY 4 6-SPACE V.M.S & T-IV (ARTIFICES VALUES)

1. 6-space VMS & T may be approached by availing artifice 6.
2. The prominent feature of artifice 6 is that it is a perfect number and further of a unique feature being $1+2+3=1 \times 2 \times 3=2+2+2$.
3. The fact that (1, 2, 3) is a unique triple of consecutive three primes.
4. Still further as that synthesis of three dimensions of any dimensional order always leads to 6-space set up / of values and features of artifices 6.
5. Pair of dimensions of order N always work out $N+N-(N-2)=N+2$, and a step ahead the synthesis of three such dimensions shall be leading to $(N+2)+N-2 (N-2)=6$.
6. Ancient wisdom approaches Sun along artifice 6.
7. Further Pursha is also of the features of artifice 6 .
8. Lord Vishnu as well avails features of artifice 6 for sustaining the existence phenomenon as Triloki and Trimurti.
9. Within creator space (4 space), three dimensional frame splits into a pair of three dimensional frames of half dimensions.
10. One shall sit comfortably and permit the transcending mind to chase different features of artifice 6 / six half dimensions of a three dimensional frame / six surfaces of a cube and so on up till the self referral range (1, 2, 3, 4, 5, 6).

DAY 5 6-SPACE V.M.S & T-V (GEOMETRIC FORMAT)

1. Geometric format of 6-space VMS & T is of many fold features.
2. It is of a self referral range (1, 2, 3, 4, 5, 6).
3. It would accept a measuring rod synthesised by hyper cubes 1 to 6.
4. It would completely workout 6-space domain.
5. Also it would be workout 6-space in its different roles along 6 x 6 matrix format

1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8
4	5	6	7	8	9

5 6 7 8 9 10
6 7 8 9 10 11

6. It would avail 7 x 7 grid format availing 6 x 6 grid zones, together known as Vrishni (of.k%).
7. Bindu Sarovar / structured point reservoir of 6-space domain would be fulfilled with self referral values.
8. Orb of the Sun would be a 6-space Bindu Sarovar.
9. It would be of the order of self referral format for transcendental base of manifested creations.
10. It would be blissful exercise to chase 6-space mathematics, science and technology of geometry of self referral features marking their presence in the transcendence process from transcendental range into the next transcendental range.

SRI-OM

**DWADASH VARSH GYAN YAJNA
[TWELVE YEARS GYAN YAGYA]
12-02-2006 TO 11-02-2018**

**MEDITATION
(31-12-2005 TO 12-01-2006)**

**PRAYER MANIFESTATION LAYERS
(12-01-2006 TO 12-02-2006)**

CREATOR'S SPACE

Quarters aspects

First Quarter: Creator's space
(12-2-06 to 11-05-06)

Second Quarter: Unity State alphabet
(12-5-06 to 11-08-06)

Third Quarter: Incarnations
(19-8-06 to 18-11-06)

Fourth Quarter: Vedic Technology
(19-11-06 to 11-02-07)

First year 12-02-2006 to 11-02-2007

First Year First Quarter

First quarter 12-02-2006 to 11-05-2006

First quarter : First phase :
Weeks 1 to 6 (12-2-2006 to 25-3-2006)

First quarter : Second phase :
Weeks 7 to 12 (26-3-2006 to 11-5-2006)

Second quarter : First phase :
Weeks 13 to 18 (12-5-2006 to 25-6-2006)

Second quarter : Second phase :
Weeks 19 to 24 (26-6-2006 to 11-8-2006)

Third quarter : First phase :
Weeks 25 to 30 (12-8-2006 to 25-9-2006)

Third quarter : Second phase :
Weeks 31to36 (26-9-2006 to 11-11-2006)

Fourth quarter : First phase :
Weeks 37 to 42 (12-11-2006 to 25-12-2006)

Fourth quarter : Second phase :

Weeks 43 to 48 (26-12-2006 to 11-2-2006)

CREATOR THE SUPREME

- 1 Guru Brahma
- 2 LORD GANESHA (Lord of Ganas)
- 3 Unity state POLE STAR UNIVERSE
- 4 Twelve Transcendental supports
- 5 Chatur das(14)Bhuwans
Fourteen self sustained domains
- 6 Awareness of knowledge range
- 7 Awareness of knowledge range
- 8 Organisation format of *Rigved Samhita*
- 9 Purusha Format
- 10 Sathapatiya measuring rod
- 11 Age of Lord Brahma
- 12 To be conscious of it
- 13 A transcendental phenomena
- 14 Flow of solid quantifiers within creator's domain
- 15 Along old to new formats
- 16 First vowel to second vowel (Akara to Ekara)
- 17 Permit the mind to transcend through gap-range
- 18 Approaching solid dimensional order
- 19 Lesson 4 'Ghan' / Body-cube
- 20 Mundane' and 'Sacheten /transcendental'
- 21 Alphabet: "posers"
- 22 "To structure the void"
- 23 "Invoking the ultimate"
- 24 Lesson 4: "twenty-five sankhiya elements"
- 25 To structure the void"
- 26 This phase of first quarter
- 27 Triloki and creator's space
- 28 Transcendental worlds within creator's space
- 29 Sun and creator's space
- 30 Preparation for the second phase of this quarter
- 31 Triloki and Creator's Space
- 32 Along Hyper Cube 4 format
- 33 Cube as Manifestation Layer (1,2,3,4)
- 34 *Hyper Cube 4 as Manifestation layer (2,3,4,5)*

- 35 *Hyper Transcendental worlds as
Manifestation layer (3,4,5,6)*
- 36 Teaching along Hyper Cube 4 format
- 37 Learning along Hyper Cube 4 format
- 38 Vedic Mathematics Science and Technology Basics
- 39 Vedic Mathematics Science and Technology Skills
- 40 Vedic Geometry Course for Transition to Hyper Cube 5 format
- 41 Existence within framed domain
- 42 Space within Cavity of Heart
- 43 Universe Within a Slab
- 44 Introductory: SUDOKU GRID 9*9”
- 45 Brahma within the Slab
- 46 Glimpsing the Creator’s Range within the Slab
- 47 Focus
- 48 Focus Point Spatial Order
- 49 Focus Point Four Dimension
- 50 Focus Point Four Fold Manifestation
- 51 Focus Point Seal at the Origin
- 52 Transition to Antstha-Consonants
- 53 First Antstha-Consonant
- 54 Second Antstha-Consonant र
- 55 ___Third Antstha-Consonant ल
- 56 Transition to 8 Yama Letters Fourth Yama Letter
- 57 Transition to Ushmna-Consonants श स ष ह
- 58 First Ushmna-Consonant श
- 59 First Ushmna-Consonant स
- 60 First Ushmna-Consonant ष
- 51 Revisiting the Gyan Yajana steps
- 52 Revisiting the One’s approach
- 53 Revisiting Sun to Earth Range
- 54 Revisiting Features of Creator’s Space
- 55 Revisiting One’s Evaluation of Oneself
- 56 Gyan Yajana: Concept and Steps
- 57 Creator’s Space

- 58 Manifestation Layer
- 59 Transcendental Worlds
- 60 Transcendental Ranges

SRI OM

GYAN YAJNA
12-02-2006 TO 11-02-2018
[TWELVE YEARS GYAN YAGYA]
(MEDITATION 31-12-2005 TO 12-01-2006)
(PRAYER MANIFESTATION LAYERS 12-01-2006 TO 12-02-2006)

CREATOR'S SPACE

FIRST QUARTER: CREATOR'S SPACE 12-2-06 TO 11-05-06
SECOND QUARTER: UNITY STATE ALPHABET 12-5-06 TO 11-08-06
***THIRD QUARTER: INCARNATIONS 19-8-06 TO 18-11-06**
FOURTH QUARTER: VEDIC TECHNOLOGY 19-11-06 TO 11-02-07

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Fourth Quarter: (19-11-06 to 11-02-07) Vedic Technology

File-4 Re-capitulation of features

of 3-space VMS & T

1. TCV (घन) = $14 = 2 + 3 + 4 + 5$ which is summation value of quadruple artifices (2, 3, 4, 5) and is parallel to four fold manifestation layer (2, 3, 4, 5) of hyper cube 4 playing the role of origin base for the domain fold of hyper cube 3.
2. A step ahead four fold manifestation layer (3, 4, 5, 6) and parallel to it the summation value of quadruple artifices (3, 4, 5, 6) with summation value $3 + 4 + 5 + 6 = 18$, as a TCV value (कमल) is to become the origin base of domain fold of hyper cube 4.
3. This transition from the origin base of domain fold of hyper cube 3 to origin base of domain fold of hyper cube 4, as such deserve to be comprehended well, as in terms of this format and features, reach is going to be had from the Discipline of 3-space VMS & T to the Discipline of 4-space VMS & T.
4. This being so, one shall re-capitulate the features of 3-space VMS & T so that there can be a smooth transition of the conceptual format from that of 3-space VMS & T to the format of 4-space VMS & T.
5. The formulation and set up 'कमल पुष्प' with its TCV value $18 + 20 = 38$, as such deserve to be chased for its format and features as in terms of it proper initiation can be had for the values of 4-space VMS & T.
6. Simple English rendering for 'कमल पुष्प' is lotus flower which accepts NVF value $67 + 79$ which is parallel to NVF value of 'Water Nature'.
7. The summation value $67 + 79 = 146 = 73 + 73$, which is parallel to the summation value of NVF (format) = 73 with itself.
8. This way, the TCV values and NVF values will be helping us to have chase of 4-space VMS & T.
9. One may have a pause here and take note that scripture preserve as that Lord Brahma, four head lord, is the creator the Supreme. He sits gracefully on a lotus seat of eight petals and meditates at the transcendental (5-space) lord having a seat in the cavity of heart of Lord Brahma. And with the grace of transcendental (5-space) lord Shiv, Lord Brahma multiplies 10 fold as 10 Brahmas within Shivlok (transcendental (5-space) domain).
10. One may further have a pause here and permit the transcending mind to be face to face with this transcendental (5-space) Phenomenon of Lord Brahma multiplying as ten Brahmas.
11. One shall continuously remain in prolonged sitting of trans and to blissfully glimpse and comprehend this enlightenment as in terms of it one shall be having proper chase and deep insight and enlightened vision about the format and features of 4-space VMS & T.
12. One may take the help of symbolic expression of hyper cube 4, as under to have initiation about the Discipline of 4-space VMS & T.
13. One may have a pause here and take note that the hyper cube 4 is a set up of four folds (2, 3, 4, 5)/ (2-space in the role of dimension, 3-space in the role of boundary, 4-space in role of domain, 5-space in the role of origin).
14. One may recapitulate further that hyper cube 3 is a four fold manifestation layer (1, 2, 3, 4) / (1-space as dimension, 2-space as boundary, 3-space as domain, 4-space as origin).
15. And further that hyper cube 5 is the four fold manifestation layer (3, 4, 5, 6) / (3-space as dimension, 4-space as boundary, 5-space as domain, 6-space as origin).

16. Still further it also may be recapitulated that the artifices triple (1, 3, 5) is parallel to (1-space as dimension of dimension, 3-space as dimension, 5-space as domain).
17. Further the artifices triple (2, 4, 6) is parallel to 2-space as dimension of dimension, 4-space as dimension, 6-space` as domain.
18. Still further One may recapitulate the sequential arrangement of five basic element and Sun as (Earth, Water, Fire, Air, Space, Sun), parallel to the formats of hyper cubes 1 to 6.

Lesson-2 Definitions and Conceptual Terms

1. Hyper cube-4
Hyper cube-4 is a geometric body. It is a geometric setup of four folds (2,3,4,5)/(2-space as dimension, 3-space as boundary, 4-space as domain, 5-space as origin.
2. Spatial order
Spatial order is a format of features of 2-space playing the role of dimension and reaching 4-space as a domain fold.
3. Solid boundary
Solid boundary is the format and features of 3-space playing the role of boundary of 4-space.
4. Hyper solid-4 domain
Hyper solid-4 domain is the domain fold of hyper cube-4. It is manifested 4-space content lump in the role of domain fold of hyper cube-4.
5. Transcendental origin
Transcendental origin is the origin fold of hyper cube-4 it is of the format and features of 5-space playing the role of origin of 4-space.
6. Creative content
4-space content is designated as creative content. This content manifests as creative domain (Fold) of hyper cube-4.
7. Transcendental content
5-space content is designated as transcendental content. It manifests as domain fold of hyper cube-5. It is also designated as transcendental domain.
8. Solid order
3-space in the role of dimension fold of hyper cube-5 is designated as solid dimensional order. As such, transcendental domain is of solid (dimensional) order.
9. Self-referral domain
The domain fold of hyper cube-6 is designated as self-referral domain.
10. Creative order
4-space in the role of dimension leads to 6-space as domain fold of hyper cube-6 this as such is taken as that 6-space domain (Fold) of hyper cube-6 is of creative (Dimensional) order.
11. Transcendental order
5-space in the role of dimension imbeds domain fold of hyper cube-7 with transcendental order. The domain fold of hyper cube-7 with transcendental order is designated as the unity state.
12. Lord Brhama
Lord Brhama is a four head Lord. Each head is equipped with a pair of eyes. He sits on a lotus seat of eight petals. Within cavity of his heart is the seat of transcendental lord Shiv.
13. These features and format Idol of Lord Brhama are parallel to the format and features of hyper cube-4 as a fourfold manifestation layer (2,3,4)/2-space as dimension, 3-space as boundary, 4-space as domain, 5-space as origin.
14. Transcendental Lord

Lord Shiv is the transcendental Lord the format and features of Lord Shiv are, as of five heads, with each head equipped with triple lines, he has ten beautiful creative Arms. Within cavity of his heart is the seat of self-referral Lord Vishnu. This format and features of Idol of transcendental Lord are parallel to the format and features of hyper cube-5 being fourfold manifestation layer (3,4,5,6)/3-space as dimension,4-space as boundary, 5-space as domain, 6-space as origin.

15. Self referral Lord

Lord Vishnu, six Head Lord, with four eyes in each head is self referral lord. Within self-referral domain (6-space as domain) Sun (Aditya) multiplies as twelve Suns (Adityas).

16. Nine versions of Hyper cube-4

Geometric envelop (Boundary fold) of hyper cube-4 is solid and is of eight components. With it a range of (8,7,6,5,4,3,2,1,0), boundary components, Hyper cube-4 makes its nine versions. This setoff nine geometric bodies are the representative bodies of nine geometries of 4-space.

17. Creator's space

4-space is designated as creator's space.

18. Creator the supreme

Lord Brhama, the four head Lord, is the creator the supreme.

19. Presiding ditty of 4-space.

Lord Brhama, Creator the Supreme, is the presiding ditty of 4-space.

20. Presiding ditty of 5-space.

Transcendental Lord Shiv is the presiding ditty of 5-space.

21. Presiding ditty of 6-space

Self-referral Lord Vishnu is the presiding ditty of 6-space.

22. Presiding ditty of measuring rod.

Lord Vishnu is the presiding ditty of Sathpathya measuring rod.

23. Presiding ditty of measure of the measuring rod.

Lord Brhama is the presiding ditty of the measure of the measuring rod.

24. Tri-Murti

Lord Brhama, Lord Shiv, Lord Vishnu together is designated as Tri-Murti.

25. Five Five basic Elements

Earth, water, Fire, Air and space are designated and accepted as five basic Elements.

26. 5 x 5 grid/matrix format.

The format of five rows and five columns banith 5 x 5 verga consonant is designated as 5 x 5 grid/matrix format.

27. Panchikaran

The sequential coordination of five basic elements and five senses along 5 x 5 (grid/matrix format) is accepted as format and features of panchikaran parallel to it is the coordination and arrangement organization of five senses and subject of five senses.

28. TCV values format for 5 x 5 Verga consonant

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

29. Twenty six Meters

Vedic systems work with 26 meters of four quarter each and this leads to format and features of 26 hyper cubes and parallel to it there is a range of artifices 1 to 26, which are workable as NVF values 1 to 26.

29. English as paring language

Let us of English Alphabet accept NVF values 1 to 26 respectfully and pairing of the same is parallel to summation values of paired artifices as number values formats as such orthodox and classical Vocabulary formulations permit approach to their format features in terms of number value formats illustratively NVF (God)=26 and NVF (Bible)=30.

30. Dimensional syntheses Mathematics

Vedic system avail dimensional syntheses mathematics which leads to synthesis of dimension folds as domain folds and further also works out split of domain folds into dimension folds as dimensional Axes of the dimensional frames of dimensional domains. Illustratively $(N,N) = (N+2)$, $(N,N,N)=6$, $(N,N,N,N,-- M \text{ times} =2+3+4+- -M-1)$.

31. Re-Manifestation format

manifestation within creator's space (4-space/2-space in the role of dimensions/spatial order space), the manifestation is of a pair of phases, as much as that the first manifestation is along the format of first Axis of the spatial order while the second phase of manifestation is along the second Axis of the spatial order, which amounts to re-manifestation and as a result the first phase of manifestation leads to manifestation is hyper cube as a setup of four folds while at the next re-manifestation stage. There is further manifestation of four folds such that each fold here itself is of four folds, which means that while the first phase of manifestation is of individual manifestation, while the second phases of manifestation is re-manifestation of manifestation layers/hyper cube as a individual folds.

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SECTION-1
INTRODUCTORY

1

ABOUT THIS YEAR COURSE

1. Vedic Mathematics course is of four year duration.
2. Presently we are in second year of this course.
3. Previous year course has been devoted to 3-space mathematics.
4. Present year course focus upon 4-space mathematics.
5. 3-space mathematics approaches space within a 3 dimensional frame of 3 linear dimensions.
6. 4-space mathematics approaches space interms of a dimensional frame of quadruple spatial dimensions.
7. 3-space mathematics is designated as mathematics of a linear order as it is worked out interms of linear unit.
8. Now during this year we shall be working out mathematics with spatial units.
9. Linear unit, as such avails number value 1. Spatial units shall be availing number value 2 as a unit.
10. As line becomes the basic mathematical 2 of 3-space mathematics, surface is going to be basic mathematical 2 of 4-space.
11. Vedic system accepts 4-space as Creator's space.
12. Lord Brahma, four head lord, is the over lord of this space.
13. Idol of lord brahma is the basic creation format.
14. Creation along this format will remain central focus during this year.
15. While the focus during previous year has been upon arithmetic along algebraic format, during this year the focus is going to be upon algebra upon geometric format.
16. Pervious year focus has been upon Ganita Sutras 1 and 2 as well as upon Ganita Upsutra 1 and 2. During this year the focus is going to be upon Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9.

17. The working focus during previous year has been upon digit by digit handling of numbers values. During this year focus is going to be upon paired digits approach to number values.
18. Cube, as representative regular body of 3-space has been availed for consolidation of 3-space mathematics as a bases base for 3-space VMS&T. during this year the structural format of hypercube 4 would be availed to consolidate values of 4-space mathematics as bases base of 4space VMS&T.
19. During previous year cube was also visited within a cube.
20. During this year cube would be visited within 4-space (domain/hypercube 4).
21. Further during this year hypercube 4 as well would be visited within hypercube 4.
22. Focus during this year is also going to be upon different role of 4-space which permit consolidated expression as 4x4 matrix/gird as follow:

12	3	4
23	4	5
34	5	6
45	6	7

23. One may have pause here and take note that it shall be bring us focus, 4 basic roles of 4-space, namely:
 - i.4-space as origin fold.
 - ii.4-space as domain fold.
 - iii.4-space as boundary fold.
 - iv.4-space as dimension fold.
24. 4-space dimension fold sequentially leading to 4-space as boundary of 5-space, 4-space dimension of 6-space and 4-space as dimension leading to 7-space as origin.
25. One may have further have a pause here and take note that format feature of idol of lord brahma are parallel to the format feature of hypercube 4 as four folds manifestation layer with 2-space as dimension fold, 3-space as boundary fold, 4-space as domain fold and 5-space as origin fold.
26. This is parallel to four head lord brahma having a pair of eyes in each head and lotus seat of lord being of eight petals and within cavity of heart of lord brahma is the seat of transcendental lord shiv, five head lord with 3 eye in each head and with the grace of transcendental lord shiv, Lord Brahma multiplies as 10 Brahma in a shiv lok (5-space) manifesting creative boundary (4-space as boundary) of 10 components.
27. The blissful fruit of this year learning would be that one shall be inciting oneself for transcending through manifested creation format of 4-space and shall be transcending blissful to transcendental domain (5-space).

28. Within it be glimpsed and imbibed during this year learning our beginning is to be of mental state of linear order 3-space and end fruit of learning through year of creator the space shall be blissfully putting us at phase and stage of transcending from format of hypercube 4 to format of hypercube 5. ■

GANITA SUTRAS AND UPSUTRAS

1. Originally whole range of knowledge constituting one Ved.
2. This knowledge was organized by Maharishi vedvas into four Vedas namely rig-Ved, yjar-ved, sam-ved and atharv-ved.
3. Atharv Ved is the Ved of reaching at the values of first 3 Vedas namely rig Ved, yjar Ved and Sam Ved.
4. Ganita Sutras and upsutras are appendix portion of atharv Ved.
5. Appendix portion of atharv Ved are the reservoir of applied values of the pure value of the Ved.
6. These applied values of pure value of the Ved manifest as up Ved of the Ved.
7. Sathapatya up Ved is the Ved of athrav Ved.
8. As such the structural key of Ganita Sutras and upsutras are pressured and are lively along the format of Sathapatya measuring rod.
9. Man-sarah is the scripture of Sathapatya upved.
10. Lord Vishnu, the over lord of 6-space, is the presiding deity of Sathapatya measuring rod.
11. Lord Brahma, over lord of 4-space, is the presiding deity of measuring rod.
12. Ganita Sutras and upsutras mathematics domain permits chase along the format of Sathapatya measuring rod.
13. This settles mathematical domain of Ganita Sutras and upsutras being of a format of 6-space domain enveloped within transcendental boundary (5-sapce domain as boundary).
14. As 6-space place the role of origin of 5-space, as such to glimpse and imbibe the values of Ganita Sutra and upsutras, the same as to be glimpsed as origin of transcendental domain.
15. This makes sole syllable Om as the transcendental reservoir of the virtues of manifesting as Ganita Sutra and Ganita Upsutras.
16. With it the values and virtues of reservoir of sole syllable Om is available with us to tape Ganita Sutra 1 as the source sutra and Ganita Upsutra 1 as the source upsutra.
17. The informal invocation innocence fulfilled young minds begins with the first breath of the newly born.

18. This informal education is continued further by the parents. Even teacher as well, at the initial stage pickup this thread itself till formal education initiation step is consciously taken and accepted by schooling system.
19. Formal education focus upon the values of Ganita Sutra 1 and Ganita Upsutra 1.
20. Primary education covers values of Ganita Sutras 1 and 2 together with that of Ganita Upsutras 1 and 2 aiming to go parallel with the natural progression steps of intelligence field with young minds.
21. From this stage, formal middle class level mathematics course begins and it perfects handling of number values.
22. With perfection of this skill, the real Vedic Mathematics education begins.
23. Parallel to the present day schooling calander, this education extends over four year duration of high and higher secondary classes.
24. This education stand phased as of 3, 4, 5, 6 space mathematics focus.
25. Ganita Sutras 1 and 2 together with Ganita Upsutras 1 and 2 become the learning focus of first year (class 9).
26. Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9 remain the learning focus of second year (class 10).
27. A step head, Ganita Sutras 8 to 11 and Ganita Upsutras 10 and 11 emerge as the learning focus of third year (class 11).
28. Learning completion comes to be with Ganita Sutras 12 to 16 and Ganita Upsutras 12 and 13 during fourth and final year (class 12).
29. This learning has the feature of approaching arithmetic on algebraic format, algebra on geometric format, geometry on manifestation format and manifestations on transcendence format.
30. Transcendence itself inherently goes self-referral and attained unity state.
31. As such during these four year duration, sequential focus remains upon 3-space, 4space, 5-space, and 6-space.
32. This brings us face to face with linear spatial solid and creative dimensional orders units of measures.
33. One shall sit comfortably and permit the transcending mind to visit and revisit the text of Ganita Sutras and upsutras.
34. This text avail just 519 letters. As such one can memories this text with a few recitation only.
35. Ones the text stand imprinted in the intelligence field the rest whole exercise make Vedic Mathematics a natural mental mathematical process.
36. With it, the first formal step of learning may be taken as to memories the texts of Ganita Sutra and upsutas.
37. The second learning step comes to be to respect the sequence and order of the texts. This respect is to be maintained in respect of the sequence and order of the values and features accepted by the individual letters of the text.
38. Within the mind the one shall approach each and every formulation and each and every sub formulation and each and every sutra and upsutra.
39. This respect for the organization format features of the text of Ganita Sutra and upsutras will help sadhkas/students of Vedic Mathematics to glimpse and imbibe the

mathematical domain of Ganita Sutra and upsutras as self-referral origin reservoir of transcendental domain.

40. With it one shall be perfecting one's intelligence along one's consciousness format itself.
41. It is going to be the attainment of learning of this Vedic Mathematics course to imbibe the value of mathematical domain of Ganita Sutra and upsutras.



TO IMBIBE THE VALUES OF REAL 4-SPACE

1. Degree of freedom of motion in space for solids make the space around as a 4-space.
2. A degree of freedom of motion for solids framed within dimensional frame of 3 dimensions makes the 4th dimension.
3. The solids being enveloped with in a spatial boundary, as such the dynamic state solid shall be swapping the space around in terms of its spatial boundary.
4. This makes the fourth dimension acquired by the dynamic state solids being of a spatial order.
5. One may have pause here and take note that dimensional frame of solid is a set up of 3 linear dimensions.
6. However the emerging fourth dimension is of a spatial order.
7. One may have further have a pause here and take note that the spatial order of the dimension in 4-space will make dimensional frame of 4-space being a setup of quadruple spatial dimensions.
8. It is this distinguishing feature which deserves to be comprehended well and to thoroughly appreciated to have full imbibing of the values of 4-space.
9. One may have further have pause here and take note that the emerging spatial dimensional frame of quadruple dimensions leads to value $2+2+2+2 = 8$ as the value of this dimensional frame.
10. One may further have pause here and take note that as triple dimensions of solids lead to sequential values triple (1, 1+1, 1+1+1) and the same in a dynamic state, at next step leading to value '8' because of spatial dimensional order of 4-space.(a space of motion of solids).
11. It brings us to face to face with a values quadruple (1, 2, 3, 8).
12. This enlightenment value is preserved by Sweteshwara Upanishad.
13. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of real 4-space, a space of spatial dimensional order, permitting to be framed within a dimensional frame of quadruple spatial dimensions.
14. One shall further visit and revisit the setup of a cube.
15. A 3 dimensional frame of triple spatial dimensions helps cut cube as 8 sub cubes parallel to split of 3-space into 8 octants.
16. It would be a blissful to take note that innermost corner point of all the sub cubes having common placement at centre of the cube itself.
17. It would be further blissful to take note that in each corner point of cube (as well as of a sub cube) is embedded a 3 dimensional frame of half dimensions.
18. This makes centre of the cube being enveloped by 8 solids together constituent a solid boundary of 8 components.
19. It would be a blissful to take note that centre of cube the seat of 4-space enveloped with a solid boundary of 8 components parallel to the format feature of hypercube 4.

20. As such first location of 4-space within 3-space goes parallel to the centre of the cube, the representative regular body of 3-space.
21. This bring us face to face with 4-space as origin of 3-space, marking its presence as centre of cube.
22. It would be a blissful to comprehend and imbibe the above emerging features and values of 4-space as that 4-space is the origin of 3-space.
23. Further as that 4-space manifests as centre of the cube.
24. Still further as that 4-space is of a spatial dimensional order and it accepts a dimensional frame of quadruple spatial dimensions.
25. Still further as that the boundary of 4-space body is solid and same accepts split of 8 components.
26. This makes the setup of format and feature of hypercube, the representative regular body of 4-space as a 4 fold manifestation layer with 2-space as dimension fold, 3-space as boundary fold and 4-space as domain fold.
27. One may have further have a paused here and take note that center of the cube unfolds a ten directional frame.
28. Further as that at centre of cube is seat of origin of 3-space and as such of origin of a three dimensional frame of 3 full dimensions.
29. Still further as, that each of 8 corner points of cube is embedded a 3 dimensional frame of half dimensions of orientation inward towards the centre of the cube.
30. This make us coordination of these 8 three dimensional frames of half dimensions as quadruple pairs of such frames.
31. Further as that at the corner point of 4 internal diagonal of a cube are the seat of origin points of the respective 3 dimensional frame embedded in the respective corner points of the cube.
32. Each of the four diagonal manifests a translation path for the respective 3 dimensional frames with origins at the end points of the diagonals.
33. The pairs of 3 dimensional frames on their translation and with a reach at centre of the cube will result into a synthesis there of their 3 dimensional frame of full dimensions.
34. Likewise will gets synthesized quadruple 3 dimensional frames of full dimensions which together with 5th three dimensional frame of full dimensions already available at centre of cube will make a setup of 5 three dimensional frames of full dimensions.
35. This makes a solid dimensional frame of 5 solid dimensions of a transcendental domain (5-space).
36. One may have pause here and take note that this bring us face to face with the seat of origin being the seat of 5-space domain.
37. It would be a blissful to comprehend and imbibe these values.
38. It will bring us face to face with the setup of hypercube 4, the representative regular body of 4-space, accepting 5-space in the role of origin fold of hypercube 4.
39. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse, comprehend and to imbibe the features and values of 4-space body manifesting along the format of hypercube 4 parallel to format of idol of Lord Brahma, the over lord of real 4-space. ■

FOUNDATION OF 4 SPACE VMS & T

1. 4-space Creator's space.
2. Lord Brahma is over Lord of 4-space.
3. Idol of Lord Brahma manifests the creation format.
4. The creation format is a 4 fold formats.
5. Four heads of Lord Brahma settle dimensional frame of four dimensions.
6. Pair of eyes each head settle the spatial order (2-space in the role of dimension of 4-space).
7. Lotus seat of eight petals of idol of Lord Brahma settle solid boundary of eight components for hypercube 4, the representative body of 4-space.
8. Seat of Lord Shiv, 5 head transcendental Lord in the heart of Lord Barhma settles transcendental origin fold of hypercube 4.
9. Hypercube 4 is a 4 fold formats with 2-space in the role of dimension.
10. Square is the representative body of 2-space.
11. 2-space accepts a dimensional frame of a pair of axes.
12. This dimensional frame as a set up of pair of axes, organizes a format for the domain fold (surface of square, as organization of infinite sequence of infinite sequences).
13. One may have pause here and take note that square surface accommodates infinite number of lines and each line accommodate infinite number of points.
14. With its surface / domain fold of 2-space accommodate infinite sequence of infinite sequences as its entities.
15. One shall sit comfortable and permit the transcending mind to glimpse and imbibe the values of this organization feature of creator's the space(4 space)
16. It would be blissful to take note that here in this organization format the spatial order is inherently having been inbuilt foundation of 4-space VMS & T.
17. One may have pause here and take note that the foundation of 3-space VMS & T is inherently built in the organization format of ninth sub cube of the cube and foundation of 4-space VMS & T is inherently built in the spatial order of 4-space.
18. One shall sit comfortably and permit the transcending mind to continuously in prolonged seating of Trans and to sequentially glimpse and imbibe the values of foundations of 3-space VMS & T and four space VMS & T.
19. Along the foundation of 4-space VMS & T manifest the whole range of hyper cubes of negative, zero and positive dimensional order, including the linear dimension order of 3-space, as well as the spatial dimensional order of 4-space itself.
20. The foundation of 5-space VMS & T is of transcendental features as the foundation of 5-space VMS & T is inherently built in the transcendence permissible in the set ups of 4 folds manifestation, creation, format of hyper cubes along the format of idol of Lord Brahma, the over lord of creator's space, who transcendence multiplies as 10 Brahmas.

21. The way transcendence goes self referral with strip of creative a boundary of transcendental domain and there by stand established foundation of 6-space VMS & T.
22. Creative boundary creating self referral domain is the foundation features of 6-space VMS & T.
23. Transcendence permissible at the origin of hypercube is the foundation of 5-space VMS & T.
24. In spatial order is inherently built the foundation of 4-space VMS & T.
25. The lively ninth sub cube phenomenon is the foundation of 3-space VMS & T.
26. One shall sequential comprehended and imbibe the values and feature of foundation of 3, 4, 5 & 6 spaces VMS & T.
27. One shall continuously remain in prolonged setting Trans and to glimpse the bliss of unison format of unity state of the virtues of values of different phase VMS & T as 3, 4, 5, 6 spaces VMS & T.



TRANSITION FROM 3-SPACE TO 4-SPACE

1. 3-space and 4-space distant spaces.
2. 3-space is different set up of then that 4-space set up.
3. 3-space has cube as its representative regular body.
4. 4-space has hypercube 4 as its representative regular body.
5. Transaction from 3-space to 4-space will amount to transaction from cube to hypercube 4.
6. Cube has 3 dimensions avail hypercube 4 as 4 dimensions.
7. Cube has 6 surfaces while hypercube 4 as 8 solids.
8. Transaction from cube to hypercube 4 takes from the 3 dimension and 6 surface frames to 4 dimensions and 8 solid frames.
9. Domain framed within 3 dimensions and 6 surface of cube is a 3-space domain.
10. Domain within frame 4 dimensions and 8 solid is a 4-space domain.
11. 3-space body is framed within a 3 dimension frames.
12. 3-space body is also framed within surfaces.
13. 4-space body is framed within 4 dimensional frames.
14. 4-space body is also framed within solids.
15. 3-space domain is of different features than that of 4-space domain.

16. Distinctives of 3-space domain features is there from those of 4-space domain features, because of distinctives of 3-space contained from that of 4-space contained.
17. 3-space contained is of different features than that of 4-space contained.
18. 3-space contained lumps manifests as domain fold of 3-space body.
19. 4-space contained lump manifests as domain fold of 4-space body.
20. 2-space contained manifests as surface of 3-space boundary body.
21. 3-space contained manifest as solid boundary.
22. 1-space contained as dimension of 3-space dimensional frame.
23. 2-space contained manifest as dimension as 4-space dimensions frame.
24. The center of 3-space body is the seat of origin of 3-space.
25. The center of 4-space body is the seat of origin of 4-space.
26. 4-space placed a role of origin of 3-space.
27. 4-space contained manifests as origin fold of 3-space body.
28. Center of 3-space domain is the seat of origin fold of 3-space body.
29. Center of 3-space domain is of distinctive feature than all other points of 3-space domain.
30. This distinctive of centre of 3-space domain is there because of center being the seat of origin fold of 3-space body.
31. This makes centre of 3-space domain being of dual status.
32. This dual status is firstly as centre is like any other point of the domain, secondly as that centre is also this seat of origin fold.
33. When origin fold is at zero value than is goes undistinguishable and the same gets on distinguishable from center from being just a point of 3-space domain itself.
34. In this state, 3-space domain is stated to be in a sealed state.
35. When this seal is broken, transcendence takes place.
36. It amounts to 3-space domain reaching base fold through origin.
37. One may have a pause here and take note that 4-space domain and its boundary are of distinct features and have distinct placement.



6

3-SPACE DOMAIN IN SEALED STATE

1. 3-space domain is a domain fold of a cube/hypercube 3.
2. Hypercube 3 (cube is a four folds setup).
3. These four folds are (1-space as dimension, 2-space as boundary, 3-space as domain, 4-space as origin).
4. 3-space as domain is 3-space contained manifests as domain.
5. At center of domain is the seat of origin.
6. When origin is in a zero value state, then domain in a sealed state.
7. During this state, origin of a dimensional gets superimposed upon center of domain.

8. This way, center domain, origin of 3-space, origin of three dimensional frame have common placement.
9. When origin fold is of expression that its boundary fold and domain fold are marking their presence distinctively then 3-space domain is said to be in un-sealed state.
10. One may have pause here and note that 3-space itself accepts split into 8 octants parallel to it, cube splits into 8 sub-cubes.
11. This amount to, center of the cube being a seat of inner most corner point of all its sub-cubes.
12. This is parallel to domain fold of hypercube 4 being enveloped within a solid boundary of eight components.
13. When domain fold is free off its boundary, it is said to be in an unframed state.
14. However during this state, still 3 dimensional frame condition of set up of domain.
15. With removal of dimensional frame, origin 3 dimensional frame also gets lifted away from its seats at the centre.
16. In this state, 3-space domain is said to be really in an unsealed state, as in this state, it is free of all the restriction because of boundary fold and dimensional frame.
17. However the split of 3-space into 8 octant and parallel to it the split of cube into 8 sub-cubes, amount to 3-space multiplying 8 folds.
18. It is the feature of Triloki multiplying 8 folds.
19. As Triloki as multiply 8 folds, as such each these Triloki will be manifesting further $8*8=64$ Triloki
20. One may have paused here take note that this is parallel to origination of Rig Ved Samhita as 8 ashtaks and 64 adhiyays.
21. 3-space domain in an unsealed state releases its origin fold and 3-space domain itself realize to boundary state of 4-space.
22. This state of 3-space domain, in its one shall set up amounts to transition from the format of cube to the format of hypercube 4.



7

3-SPACE DOMAIN IN THE ROLE OF SOLID DIMENSIONAL ORDER

1. The unsealed state of 3-space domain will permit transcendence for 3-space through 4-space as its origin and it shall be having it reach a optical 5-space as origin of 4space
2. This reach of 3-space though 4-space optical 5-space puts 3-space in the role of dimension of 5-space.
3. 3-space as dimension of 5-space is the role of 3-space as dimension fold of hypercube 5.
4. The seat of 5-space as origin of 4-space is at centre of hypercube 4.
5. With 4-space domain in its sealed state shall be making centre of 4-space domain as the seat of origin of 4-space dimensional frame.
6. During this state, 3-space gets superimposed upon center of 4-space domain.

7. This super imposition which makes dimension, boundary, domain and origin of hypercube 5 being undistinguishable.
8. Took have segregation of features of different folds of hypercube 5; there would be a need to unsealed the origin to unsealed the 4-space domain.
9. One may have pause here and note that originally, the 3-space domain was put up in its unsealed state, and now, a step head, there is a need to put 4-space domain itself, as well in an unsealed state.
10. With it, we shall be coming face-to, face with transition for the role of 3space from that of domain fold into that of dimensional fold.



8

DIFFERENT ROLE OF 3-SPACE

1. 3-space contained manifests as domain fold.
2. This is the first role of the 3-space.
3. It is the basic role of 3-space.
4. All other role of 3-space or as roles of domain fold itself.
5. When 3-space domain becomes the boundary of 4-space it amount the transition from the domain fold to the boundary fold.
6. Being boundary fold, is the second role of 3-space.
7. In fact it is the role of 3-space domain as boundary fold of 4-space.
8. 3-space as domain fold is the first role of 3-space domain, as well as it is the first role of 3-space itself.
9. The second role of 3-space domain, in this context will be as boundary fold of 4-space.
10. The third role of 3-space is as dimension of 5-space.
11. 3-space domain manifests as solid dimension of 5-space.
12. 3-space placed the role of dimension fold of hypercube 5.
13. Fourth role of 3-space is as origin of 2-space.
14. 3-space as domain fold of hypercube3, 3-space boundary fold of hypercube 4, 3-space dimensional fold of hypercube 5 and 3-space origin of 2-space are basic feature of 3-space.
15. Fifth role of 3-space is as base fold of hypercube 1.
16. One shall set compatibly and have a fresh look at the following 5x5 grid to comprehend to imbibe the interrelationship 3-space with other spaces.

-1	0	1	2	3		
0	1	2	3	4		
	1	2	3	4	5	
	2	3	4	5	6	
	3	4	5	6	7	

17. Above 9-spaces range (-1, 0, 1, 2, 3, 4, 5, 6, 7) is the range five different roles of 3-space.
18. These five roles are as dimension, boundary, domain, origin and base.
19. Sixth role of 3-space is as a format of base fold.
20. It take us to -2-space as dimension, -1-space as boundary, 0-space as domain, 1-space as origin, 2-space as base and 3-space the format of base.
21. These 6 role of 3-space shall be taking us to range of 11-spaces (-2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8).
22. The interrelationship of 3-space with other spaces can be expressed along 6x6 grids as under:

	-2	-1	0	1	2	3	4	5	6	7	8
-1	0	1	2	3	4	5	6	7	8	9	10
0	1	2	3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11	12
2	3	4	5	6	7	8	9	10	11	12	13
3	4	5	6	7	8	9	10	11	12	13	14

9

DARK AND WHITE MATTER

1. Dark and white matter are distinct matters.
2. Dark matter manifests dark domain dimension.
3. White matter manifests white dimensions.
4. Dark matter and white matter, likewise play different role as dimension, boundary, domain, origin, base, format
5. The format role also takes us a step head to 'stated' as its distinct fold basis.
6. Reach from base fold to basis fold is a sequential reach as base fold, format fold, and bases fold.
7. From basis fold there is reach to source state.
8. Source state is designated as natural state.
9. Base fold, format fold, basis fold, and source fold or quadruple states beyond the origin fold.
10. Origin fold to source fold is a five steps long range non as transcendence range.
11. This transcendence range (origin fold, base fold, format fold, bases state and source reservoir) take us from origin to sources reservoir.
12. A reach from dimensional fold to source reservoir is an 8 step long reach.
13. This reach is 8 fold reach.
14. This is a reach from dark matter to white matter gap coverage.

15. Dark matter is the first step and white matter is the 8 step of this reach.
16. This reach is from “infinity to the stage of pairing of infinities”.
17. Beginning in infinity and reaching optical pairing of infinities is the coverage attainment of this 8 fold range from dark matter to white matter.
18. Infinity itself is discipline of pairing of circle while pairing of infinities become discipline of pairing of spheres.
19. The mathematics of pairing of circle to pairing of sphere is mathematics of range from dark matter to white matter existence phenomenon.
20. Reaching from dark matter optical white matter and back from white matter to dark matter is coverage along both orientations.
21. One shall sit comfortably and permit the transcendence mind to visit or revisit this range in both orientations.
22. This will help perfect one’s intelligence parallel to the discipline of Vedic mathematics values of the coverage range of infinity as a paired voids permitting r-pairing of paired pairs of voids. ■

10

GAB BRIDGING

1. ‘Gab bridging’ is one of the basic attainments of mathematically system.
2. Whole numbers sequence has gaps in between the values of this sequence.
3. The values sequences (... -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 ...) as gaps in between pairs of values. One way to bridge these gaps is to insert middle values which shall be taking us from the above sequence to the following sequences. (... -5, -4.5, -4, -3.5, -3, -2.5, -2, -1.5, -1, -.5, 0, .5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5 ...)
4. A step head, again middle values for pair the value of above sequence can be inserted, and like that process may continue infinitely.
5. Vedic system approach number values in terms of their artifices parallel to dimensional frames as such the unique mathematical technique is being is availed by Vedic mathematics to bridge the gaps or values wholes numbers values sequences.
6. As per this mathematics Vedic technique, hypercube for orbits are being availed.
7. Hypercube format is a 4 folds format.
8. It is a 4 folds manifestation layer format.
9. Basic value of this format is that differences between the values of those 4 folds are equal to unit value.
10. In the context of whole value number this format of 4 folds manifestation layers; as such become a set up of 4 congestive whole numbers.
11. The quadruple value (N, N+1, N+2, and N+ 3) is 4 folds manifest layer of hypercube (N+2).
12. Value N is the value of dimensional fold.
13. Value N+1 is the value of boundary fold.
14. Value N+2 is the value of domain fold.

15. Value $N+3$ is the value of origin fold.



TEXT BOOK CLASS X

SECTION-2

GANITA SUTRAS 3 TO 7 AND

GANITA UPSUTRAS 3 TO 9

1

GENERAL

1. There are 16 sutras and 13 upsutras.
2. Om is the transcendental source reservoir of virtues of Vedic knowledge and Vedic system.
3. End reach of these values and systems is 'Pranava'. The synonym of Om.
4. The in between range is of 29 steps as of 16 Ganita Sutras and 13 Ganita Upsutras.
5. One way to approach this mathematical domain is as of steps :
 - (I) Ganita Sutras 1, 2 and Ganita Upsutras 1, 2, which have been learning focus of class 9. Here arithmetic has been worked out on algebraic format. This algebraic format values are provided by Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9.
 - (II) Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9 are the learning focus of this year subject of class 10. Here algebra is being approached along geometric format. The values of geometric format are provided by Ganita Sutras 8 to 11 and Ganita Upsutras 10 and 11.
 - (III) Ganita Sutras 8 to 11 and Ganita Upsutras 10 and 11 are going to be the learning subject of next year class (class 11).
 - (IV) Here geometry is going to be approached along the manifestation format, whose values would be supply by Ganita Sutras 12 to 16 and Ganita Upsutras 12 and 13.
 - (V) Ganita Sutras 12 to 16 and Ganita Upsutras 12 and 13 are going to be the subject of learning during class 12. Here manifestations mathematics is going to be the learning focus. This focus is to be is going to be transcendence value which inherently of there own go self-referral and attain unity state.

- (VI) The learning focus here during this year is upon algebra values of Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9 permitting chase on geometric format of values supplied by Ganita Sutras 8 to 11 and Ganita Upsutras 10 and 11.
- (VII) As such the focus is to be upon the Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9 but at the same time the general idea of Ganita Sutras 8 to 11 and Ganita Upsutras 10 and 11, also is to be head.
6. As such one shall visit and revisit the text of Ganita Sutras and upsutras particularly Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9.
 7. These five sutras and 7 upsutras, as a range of 12 steps is going to make and integrated range:
 - (I) Ganita Sutra 3.
 - (II) Ganita Upsutra 3.
 - (III) Ganita Sutra 4.
 - (IV) Ganita Upsutra 4.
 - (V) Ganita Sutra 5
 - (VI) Ganita Upsutra 5
 - (VII) Ganita Sutra 6
 - (VIII) Ganita Upsutra 6
 - (IX) Ganita Sutra 7
 - (X) Ganita Upsutra 7
 - (XI) Ganita Upsutra 8
 - (XII) Ganita Upsutra 9
 8. One may have pause here and take note that sutras wise range covers only until Ganita Sutra 7 but upsutras it take up till upsutra 9.
 9. Ganita Sutras 8 and 9 as well have further integrated domain as:
 - (I) Ganita Sutra 8
 - (II) Ganita sutra 9
 - (III) Ganita upSutra 8
 - (IV) Ganita Sutra 10
 - (V) Ganita Upsutra 9
 - (VI) Ganita Sutra 11
 - (VII) Ganita Upsutra 11
 10. These are the broad features of integrated domain of Ganita Sutras and upsutras together covering range of present year (class 10) and of the sub sequent year (class 11).
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II

GANITA SUTRAS 3, 4, 5, 6 AND 7

1. Ganita Sutras 3, 4, 5, 6 and 7 permit chase in sequential steps as:
 - (I) Ganita Sutras 3 and 4
 - (II) Ganita Sutras 5 and 6
 - (III) Ganita Sutra 7.
2. Ganita Sutras 3 and 4 are of working rules 'vertically and crosswise' and 'transpose and unite'.
3. Ganita Sutras 5 and 6 are about the values of '0'.
4. Conceptually '0' is being approached as a zero value and as zero as well a structural whole number value.
5. Ganita Sutra 7 is a parallel operation of opposite values coming is to play simultaneously.
6. Ganita Upsutras 3 to 9 permit chase as :
 - (I) Ganita Upsutra 3 of the working rule of simultaneously handling of a pair of different values unit permitting their beginning point to be at one's placement, to being the same placement and in between ranges unfolding proposnality
 - (II) Ganita Upsutra 4 is about processing range being restricted up till 7 steps only
 - (III) Ganita Upsutra 5 is about 'osculator format'.
 - (IV) Ganita Upsutras 6 and 7 are two phases of reach at the spatial format.
 - (V) Ganita upsutras 8 and 9 approach and value by classificating it as a paired of, and has of feature of complement.
7. These broad features of Ganita Sutras 3 to 7 and Ganita Upsutras 3 to 9 deserve to be imbibed as independent processing steps and same also deserve to be imbibed as single integrated range of processing steps.
8. These values and features of this processing step change is to be firstly as of algebraic format for arithmetic operation , and there after same are to be glimpse and imbibe as value of algebra accepting geometric format supplied by subsequent sutras and upsutras.
9. One shall have a pause here and permit the transcendence mind to glimpse these features along their geometric format bringing us face to face with the grand design of Nature as that dimensional frame and artifices of number run parallel to each other.
10. With it the seed though of arithmetic, algebra and geometry being different aspects of the values of same mathematics domain stand planted and imprinted in the intelligence field for whose perfection the present course of learning is been under taken by the sadhkas/students of Vedic Mathematics (as well as by the sadhkas /students glimpsing bases base mathematics values for chase of the values of the discipline of Vedic Mathematics, Science & Technology).

11. One shall sit comfortably and permit the transcending mind to glimpse and imbibe above feature and values of phased learning steps of Vedic Mathematics. ■

III

CONCEPTUAL TERM OF GANITA SUTRAS 3 TO 7

1. Ganita Sutras 3 to 7 are availing following conceptual terms:
 - (I) Udarva , triyaka and bhayam
 - (II) Pravartya and yogait
 - (III) Sunyam, samya and samuchyai
 - (IV) Anrupeyai, sunyam and anayat
 - (V) Sankalan and vyavakalan
2. These 13 technical and conceptual terms deserve to be glimpsed for imbibing of their values.
3. One shall visit time and again these terms to have complete imbibing their values and to have proper appreciation of working rule of these sutras.
4. The first reading of these terms shall be leading us to their initial value as under:

(I) Udarva

Simple English rendering of *udarva* is 'upward'.

It is vertically upward. It is of a directional format. It may be appreciated in the context 'horizontal'.

Horizontal is along the floor surface. Vertically upward is along the wall.

(II) Triyaka

Simple English rendering of *triyaka* is 'crosswise'/diagonal wise. It, in the context of in reference to vertically upwards, means along the diagonal of the wall. However independently, triyaka may be along the diagonal of a floor surface, are even along the any surface.

Udarva and triyaka, together will takes us to a vertical plane (wall), as a vertical line (side) and as a diagonal, a setup which may also yield an 'angle'.

(III) Bhayam

Bhayam, in a literal sence is of value for simultaneous role of a pairs / dual entities.

Udarva/triyaka, bhayam takes us to 'vertically and crosswise availability.

Ganita Sutra 3 text, that way, takes us to 'vertically and crosswise' chase format, a vertical plane availability interms of its upward side and it diagonals, both being available.

(IV) Pravartya

Pravartya literal means to reverse/transpose/to have in opposite orientation

We know that a line has a pair of orientations. A line with a pair of end point (a, b), if has first orientation from 'a to b', then the second orientation would be from 'b to a'.

The step to reverse/ transpose/to reach other orientation in the context of line would means if initially setting is of orientation from a to b , then as a pravartya step the orientation to be reversed in the setting of b to a.

(V) Yogait

Yogait literal means to unite.

In the context and in reference pravartya it would mean that in the first phased, a step is to taken to reverse the orientation in second phase, step would be taken to unite the attained reversal with the original set up.

One may have pause here and take note that taking original set up of a line as of a orientation a to b, as a first step, it would be reversed and to made b to a, then the same to be united/superimposed/made in unison with the original orientation a to b.

One may further have a pause here and take note that the superimposition as 'b to a' upon original set up 'a to b', in a way will lead to a superimposed state.

Amongst others, one of the feature of this emerging format would be the value of (-1) being superimposed upon value (+1).

A step head, it will be bringing us face to face with the setup of +1 space body getting superimposed upon -1 space body.

The difference value $[(+1)-(-1)] = 2$, in its generality will takes us to (n, n-2) getting superimposed upon each other.

Transcendental code values of pair of formulation (udrahv. Triyaka) as a value pair (23, 21) will bring us face to face with the continuity of organization formats of Ganita Sutras sequential order.

One may have pause here and take note that the above features help us have insight about pure and applied values of Ganita Sutras 3 and 4.

(VI) Sunyam

Formulation sunyam accepts English rendering as 'zero value reach'.

Conceptually 'zero', as a value for the valueless 'void' and as a whole number value like whole range of whole numbers, brings us face to face with the basic of values systems chase features.

Zero as a place value, in the context of ten place value system, and as 'zero', a value reseeding '1' and as a value '10' following value 9, as well as zero as index value, individually as well as indifferent frequency marking appearance as 10, 100, 1000 etc etc, bring us face to face with the initiation required for glimpsing and comprehending and imbibing sunya as sunyam.

In the context it would also be relevant to take note that formulation sunya accepts transcendental code value 18 while formulation sunyam accepts transcendental code value 27.

It would be relevant to take note that cube accepts structural components 27 and while the same synthesizes with another cube, the contribution of second cube remains only of 18 components.

Further it would also be relevant to take note that formulation sunya is availing five letters of which 3 are consonant and remaining two are vowels and the ratio (27:18) is parallel to the ratio (3:2)

The triples consonants or first ushmana letter, first anthasatha and last consonants of fourth row of verga consonants. The pairs of vowel are the first vowel and elongated third vowel.

It would be blissful to take note that each of these 5 letters specifically contributes their respective values and geometric format for the values and format of the formulation sunya.

It is in the light of this range of values and feature of formulation sunyam that we have to reach at the role of zero space in the range of dimensional spaces. In the context it would also be blissful to glimpse and imbibe the value of zero space body of hypercube 0. It would also be relevant to take note like all other space zero space as its distinct zero space content full of zero space content structure which manifests zero space domain of hypercube 0 and this domain places its role as 0 space in the role of dimensions, 0 space in the role of boundary, 0 space in the role of domain and 0 space in the role of oaring.

Also that 0 space in the role of base, format, state and natural spot from the Brahman reservoir are the values and features which deserve to be glimpsed and

comprehended well by the sadhkas. From nothingness to voided to de-voided and the step to divoide are the features and values whose imbibing will perfect the intelligence.

(VII) Samya

Samya literal means 'parallel'.

The parallel values make the things samya. The concept of parallel, in reference to sunyam is one of the basic values whose comprehension shall be complete to have full imbibing of the value of sunyam.

(VIII) Samuchyai

The formulation samuchyai deserve to chase in terms of sub formulation being availed by the formulation.

The sub formulation being availed by the formulation are (I) sum which mean equal, (II) ucch, means high and (III) chaye means choiced.

Equally choiced as per the high reach, in the context of samya (parallel) and sunyam (reach of value), together will help comprehend and imbibe the values of the Ganita Sutra 5.

Equal upward parallel lines as high reach points for the pair of flow stream will help format sunyam as a value.

(IX) Anrupeyai

Anrupeyai literal means of the same form and frame. It brings in proportionality and summitry.

(X) Sunyam

(XI) Anayat

Anayat means to bring/that come in/that flows out.

Ganita Sutras 5 and 6 deserve to be red together these are to be comprehend simultaneously, there shall be a one sitting glimpse for both set up of value of '0'.

One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to transcendence through structure 0-space content to its affine state to face to face with 0 as an absolute value of oneness.

(XII) Sankalan

Sankalan literal means to add, to compile, to pull in, and to be in a common reservoir.

(XIII) Vyavakalan

Vyavakalan literal means to be of opposite orientation of above value and feature of sankalan.

The individual value and features of individual and combined formulation of Ganita Sutra 7 may well be appreciated in the context of sequential choice of letter of the formulation of this text and the individual value and format accepted by these formulations. ■

VEDIC MATHEMATICS

TEXT BOOK CLASS X

SECTION-3

1

CREATOR'S SPACE

1. Vedic system accepts 4-space as creator's space.
2. Space, here, is approached within in terms of a dimensional frame of quadruple spatial dimensions.
3. 3-space accepts a dimensional frame of 3 linear dimensions while 4-space accepts four spatial dimensions.
4. Hypercube 4 is the representative regular body of 4-space.
5. Hypercube 4 is the fourth member of the sequence of hyper cubes N , ($N = 1, 2, 3, 4, \dots$).
6. The sequence of hypercube is the sequential emergence along the creation format of 4-space.
7. The creation format of 4-space is the format feature and value of Idol of Lord Brahma.
8. Lord Brahma is the four head Lord.
9. Each head of Lord Brahma is equipped with pair of eyes.

10. Lord Brahma is sits gracefully on the lotus seat of 8 petals.
11. Within cavity of heart of Lord Brahma is the seat of transcendental Lord, Lord Shiv.
12. Lord Shiv is the five head Lord with three eyes equipped in each head.
13. Lord Brahman mediates within cavity of his own heart upon transcendental Lord Shiv.
14. With the grace of Lord Shiv, Lord Brahma multiples as ten Brahma.
15. Ten Brahmas manifests creative boundary of transcendental domain (5-space).
16. The format feature and value of idol of Lord Brahma are parallel to format feature and values of hypercube 4, a representative regular body of 4-space, with 2-space in the role of dimensions, 3-space in the role of boundary, 4-space in the role of domain, 5-space in the role of origin.
17. Transcendence take placed at the origin at the hypercube 4 and the four fold manifestation layers (1, 2, 3, 4, 5) extends into a 5 folds transcendence ranges (2, 3, 4, 5, 6) of summation values $(2+3+4+5+6) = 20$.
18. Value 20 permit reorganization as $20 = 10+10$.
19. It further accepts reorganization as $(0+1+2+3+4) + (0 = 1+2+3+4)$ parallel to pair of transcendence ranges of zero order.
20. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the above format feature value of creator's space, its creation format parallel to idol of Lord Brahma and transcendence at the origin leading to a transcendence range of spatial order which splits into a pair of transcendence ranges of zero order.
21. One shall sit comfortably and permit the transcending mind to take note the transcendence ranges (0, 1, 2, 3, 4) and four fold manifestation layers ranges (1, 2, 3, 4) leads to equal summation value (10).
22. One may have pause here and take note that hypercube 3 as 4 folds manifestation layers (1, 2, 3, 4) leads to summation value (10).
23. Further the hypercube 2 as 4 folds manifestation layers (0, 1, 2, 3) of summation value 6 on transcendence leads to a transcendence ranges (0, 1, 2, 3) of summation value (10) equal to summation value of four fold manifestation layers of hypercube 3.
24. It would be blissful to take note that the in case of cube place the role of origin and while in case of square 4 space play the role of base fold.
25. It would be blissful to take note that during manifestation, domain fold, origin fold, and base fold remains in-compactified form and these sequentially unfold.
26. It would be blissful to take note that this sequential unfolding shall be having a reach from hypercube 2 to hypercube 3 without disturbing the summation value write up till a reach for the square at its base fold.
27. It would be blissful to take note that formulation Varga and Ghan, both accepts equal transcendental code value '14' because of the above unique format feature value of the creator's the space(4-space) as base fold of hypercube 2 and as origin fold of hypercube 3.



TRANSITION FROM CUBE AS HYPERCUBE 3 TO HYPERCUBE 4

1. Cube splits into eight sub cubes parallel to eight octants cut of 3-space.
2. The innermost corner points of all the eight sub cubes accepts common placement at centre of the cube.
3. One may have a pause here and take note that within each corner point of the cube is embedded a three dimensional frame of half dimensions and same sustained sub cube.
4. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the value and feature of above setups.
5. It would be blissful to take note that the above setup brings us face to face with the feature that centre of the cube enveloped by eight sub cubes and it is parallel to space of the centre of cube being an enveloped within a solid boundary of eight components.
6. One may have a pause here and take note that this feature is parallel to one space accepting two components of 0 space set up, square accepting boundary four linear components, cube accepting a spatial boundary of 6 components and a step ahead, 4-space accepting solid boundary of 8 components.
7. This, as such sequentially takes us from interval to square, square to cube and cube to hypercube 4.
8. It would be blissful to comprehend and imbibe the value of reality of existence phenomenon of 4-space.
9. The reality of our space is not restrictly up till 3-space to which our mental state, offenly gets continued as if space around us is a three space moving point manifests a track of line, moving line manifests track of a surface, moving surface manifests track of a solid and moving solid manifests track of four space.
10. Hyper cube 1 (line) is respective regular body 1-space, hyper cube 2 (square) is the respective regular body of 2-space, hyper cube (cube) is respective regular body of 3-space, hyper cube (four) is the respective regular body of 4-space.
11. One shall blissful and glimpse and imbibe the reality of 4-space and to chase four space mathematics, science and technology of along the format of hyper cube 4.
12. Spatial order been availed for chased for mathematics system of four space.
13. Four space contained be availed for chased of science of 4-space.
14. Hypercube 4 contained be availed for the chased of technology of four space.
15. It would be blissful to glimpse and imbibe the differences of values of 3-space mathematics and 4-space mathematics in terms of linear order of 3-space and spatial order of 4-space. ■

SEQUENCE OF FINITE STRINGS

1. A string formally may be accepted a synthetic set up of finite number of hyper cubes, of same or of different orders.
2. Linear order creates hypercube 3.
3. A finite number of hypercube 3 may be taken as a synthetic setup of finite number of hyper cubes of linear order.
4. In general a finite number of hypercube N shall constituting a string of finite steps of order (N-2).
5. The other category of strings of finite steps is a synthetic step up of hypercube 1 to N, for all value of n.
6. The first category of strings may be designated as dimensions/axes/constitutions of a dimensional frame of the order of the dimensions (strings).
7. The second category of strings may be designated as measuring rod. Illustratively measuring rod constituted by hypercube (-1) will be the measure rod 1 space.
8. A synthetic setup of hypercube (-1) and hypercube (0) shall be constituting a measuring rod of 2 space.
9. N space domain accepts measuring rod synthesized by hypercube 1 to N.
10. This measuring rod is the measuring rod of n space domain.
11. However the measuring rod synthesized by hyper cubes (-1, 0 ... N-2) is the measuring rod of dimension of n space.
12. One may have pause here and take note that the sequence of finite strings is the sequence of constitution of the dimensional frames of hypercube N.
13. One may have paused here and take note that n is finite, and the sequence of all value of n is infinite.
14. There for sequence of finite strings would be the sequence of infinite number of finite strings.
15. The sequence of measuring rod is the sub sequence of the sequence of the strings.
16. It would be blissful exercise to tabulate finite strings.
17. Further it would also be blissful to tabulate sequence of finite strings.
18. Still further it would be blissful to tabulate finite measuring rods.
19. Still further it would be blissful exercise to tabulate the sequence of finite measuring rods.
20. One shall sequentially chased the structural setup of hypercube 3 (cube), fold wise in reference to finite strings. And finite measuring rods.

21. It would be a blissful exercise to chase dimension fold of hypercube 3 in terms of its sequence of finite strings, and also in terms of sequence of its finite measuring rod.
22. Likewise one shall chased boundary fold, domain fold, and origin fold of hypercube 3 in terms of their respective finite strings and finite measuring rod.
23. In general, one shall chased different fold of hypercube n in terms of their respective finite string and finite measuring rod.
24. One shall specifically chased hypercube 1, 2, 3, 4, 5, 6 fold wise in terms of their respective finite string and finite measuring rods. ■

4

INFINITE SEQUENCE OF INFINITE SEQUENCES

1. Linear order is a track of a moving point.
2. Infinite number of points (0 space body) permits formatting along a line (1-space domain).
3. As such, line (1-space domain) may be accepted as a sequence of infinite string of zero order.
4. The pair of such infinite sequences shall be covering exhausted the spatial order within (a pair of axis)
5. The spatial order cover, as such, as a pair of infinite sequences of zero order setup (0 space body) shall be settling a processing system for exhausted coverage of setups of infinite sequence of infinite sequences of whole range of dimensional orders.
6. One shall sit comfortable and permit the transcending mind to glimpse and imbibe the above format feature and value.
7. It would be blissful exercise to chase infinite measuring rod synthesized by whole range of hypercube N, for N being negative, zero, or positive whole numbers.
8. It would be blissful to take note that the in terms of this infinite measuring rod, there can be parallel chase to outward expansion as well as inward expansion along hypercube format manifesting within creator's space.
9. The feature of compactification to the origin , transcendence through origin, take off at the boundary as a place value format, are the feature which deserve to be comprehended well to acquire proper insight and appropriate enlightenment of this phenomenon of spatial order setup.
10. The sequential manifestation and dissolution of different dimensional orders within creator's space and the re manifestation phenomenon, as well deserve to be comprehend well for their complete imbibing.
11. Illustratively the manifestation of cube with a cube, square with a square, hypercube 4 within a hypercube 4, in generally hyper cube N within hypercube n deserve to be chased properly.
12. The superimposition of lower dimensional order upon the higher dimensional order, and other way round as well, the superimposition of higher dimensional order upon

lower dimensional order or the feature and value which also deserve to be comprehended well.

13. Compactification of origin folds and their sequential unfolding, as well as the feature and value which also deserve to be comprehended well.
14. The transformation of the space contained within a dimensional frame is also a feature and value, which as well deserve to be comprehended well.
15. One may have a pause here and take note that the sequential transformation of space contained as n space contained, for all values of N , is the phenomenon which deserves to be comprehended well and same to be fully imbibed.
16. The phenomenon of transcendental carrier, carrying the transcendental space contained (5-space contained), along the Sathapatya measuring rod of 6 space domain is the feature which as well deserves to be comprehended well. For its full appreciation.
17. Of such phenomenon happening within the chase of the sun.
18. One may have a pause here and take note that transcendental domain (5-space) is enveloped within a creative boundary of 10 components.
19. The creative boundary transcendental domain manifests format for 10 place value system.
20. The organization of value $10 = 4+6$ and the resultant take of the boundary and manifestation of six space of creative dimensional order take us to 6×4 grids which accommodate all the 24 double digit numbers of 5 place value systems.
21. One may have a pause here and take note that the parallel feature is lively for the format of all hyper cubes.
22. One shall sit comfortably and permit the transcending mind to glimpse and imbibe these format feature values of transcendental carriers. ■

5

DIVYA GANGA PARVAHA

1. Divya Ganga Parvaha is the transcendental concept.
2. At the middle of Divya Ganga Parvaha is the reservoir of transcendental domain values.
3. Divya Ganga Parvaha is the flow path of transcendental eternity along the artifices of sole syllabus Om.
4. Sole syllabus Om unfolds itself as of four quarters.
5. The transcendental seat is at the middle of second and third quarters.
6. From the middle is the two fold transcendence and ascended of the dimensional orders.
7. With (5) for the transcendental domain, the transcendence and ascended there from take us to a flow upward as (5, 7, 9) and flow downward as (5, 3, 1).
8. Middle transcendental seat remains un-manifested and the four fold flow of transcendental eternity becomes of value steps from top to bottom as (9, 7, 3, and 1).
9. One may have a pause here and take note that $(9+7+3+1) = 20$ together with middle transcendental value (5) leads to value $25=5^2$.

10. In general the transcendental eternity with transcendental value N leads us to Divya Ganga Parvaha of value steps $[N+4, N+2, (N), N-2, N-4]$.
11. One may have pause here and take note that the summation value of $(N+4, N+2, N-2, N-4)$ together with value $N \times (N-4)$ lead to value n square.
12. As such the Divya Ganga Parvaha is transcendental phenomenon which avails spatial format (square format).
13. One shall sit comfortable and permit the transcending mind to glimpse and imbibe the format feature and value of Divya Ganga Parvaha.
14. It would be blissful exercise to sequentially chase to Divya Ganga Parvaha of middle transcendental seat value $N = (5, 6, 7, 8, 9 \dots)$.
15. It would be further blissful to chase Divya Ganga Parvaha for $N = 0$.
16. Still further, it would also be blissful to chase Divya Ganga Parvaha for $N = (-1, -2, -3, -4, -5 \dots)$.
17. It would be blissful to chase quadruple constituted paired pairs of odd number values, as follows $(9, 7, 3, 1) (7, 5, 1, -1) (5, 3, -3, -5 \dots)$.
18. In general one shall chase quadruple values $2M+1, 2M-1, 2M-5, 2M-7$ for all value of M . ■

6

POLYGONS OF ODD AND EVEN NUMBER OF SITES

1. Polygons can be classified as odd and even number of sites.
2. Illustratively triangle is having three sides and rectangle is having four side and such they are members of different category of polygons.
3. Triangle is the first polygon and closing a surface.
4. Triangle (polygon 3) coordinates all the three corner points at its periphery (circumference), as such it does not lead to any internal diagonal.
5. However rectangle admits a pair of internal diagonals as every corner points is coordinating only two of the three remaining corner points.
6. One may have pause here and take note that the every corner point of rectangle, for coordination with the forth corner point is to make and internal diagonal.
7. Like that there would emerge quadruple internal diagonal but these would get formatted as pair of paired internal diagonal because of diagonal of reversed orientation getting superimposed upon each other neutralizes orientation.
8. One may have pause here and take note that the internal diagonal of rectangle pass through the centre of the rectangle.
9. However pentagon (polygon 5) which having a pair of internal diagonal from each of the 5 corner points, but all these ten internal diagonals gets formatted in such a way that they intersect and get coordinate as corner points of internal pentagon.

10. One shall sit comfortable and permit the transcending mind to glimpse and imbibe this feature that internal diagonal of pentagon constructs internal pentagon and none of the internal diagonal passes through the center of the polygon.
11. One may have pause here and take note that this goes ad-infinitum.
12. However this features no more available for hexagon.
13. The internal diagonal of hexagon construct internal hexagon but only three of six pair of internal diagonal pass through centre of hexagon while remain three pair of internal diagonal do not pass through centre of hexagon.
14. One may have pause here and take note that it is this feature of polygon 3, 4, 5, 6 which deserve to be comprehend well and same to be imbibed fully to acquire proper insight and to attain appropriate enlightenment of printout of 3, 4, 5, 6 space bodies within 4-space on its spatial order as setups of respective order polygons.
15. It would be blissful exercise to visit and revisit above formatting feature and values as polygons.

■

7

QUADRUPLE VALUES 3, 4, 5, AND 6

1. Let us have an eye upon quadruple values (3, 4, 5, and 6).
2. Ganita Sutras systems work out this quadruple of values 3, 4, 5, 6, for further working out value (8).
3. Polygon 3 is the first polygon and enveloping surface.
4. Polygon 4 has only a pair of internal diagonal and they pass through centre and as such the centre of polygon gets fixed in isolation.
5. Polygon 5 is the first polygon which has a flow of triple internal diagonal from each of its corner points and these internal diagonals from all the corner point of polygon 5 constructed internal polygons with its surface as surface around the surface and none of the internal diagonal passing through it.
6. With it number value 3 as triple invert diagonal from each of the five corner points of pentagon (polygon 5) becomes the first choice.
7. Polygon 6 accepts quadruple internal diagonals from each of the corner points of this polygon and half number of them intersects with another corner point internal diagonal such that they pass through centre of polygon 6.
8. This choice of the number value 4, in reference to quadruple internal diagonals emanating from the corner point bring along with the format feature value as such the half of them shall be interacting and intersecting and passing through the centre the polygon 6.
9. Choice is the head parallel to value number 5 and 6 internal diagonals intermitting respectively from corner points of polygon 7 and 8 respectively will make the choice to be of great interest to reach at the threads of the strings and further for reach at tissues of respective threads of corresponding strings of the format characteristics of hyper cubes of similar and dis-similar orders manifesting as dimensional order and

measuring rod for domain folds of hyper cubes as representative regular bodies of dimensional spaces.

10. A reach from a string to thread of the string is like a reach at internal diagonals.
11. Further, a step head a reach from threads of strings to tissues of threads of strings would mean to reach at internal diagonal of respective internal polygon.
12. As per as five space and polygon 5 as concerned here no internal diagonal passes through the center and such the tissues and threads will be difficult to decipherer out but for adopting the technique of transcendence at the centre /origin.
13. This as such brings us face to face with the states of domain with sealed origin and domains without sealed origins.
14. Even polygon, as its evident in case of polygon 6, half number of internal diagonals will be passing through the centre and as such it can be said that origin is subject to half seal and as such half transcendence is to take placed.
15. Constitutionally half transcendence means approaching spatial order in terms of its working unit (1/2) available here because of spatial order permitting a pair of measuring unit namely (2 as 1 and 1 as 2).
16. One shall sit comfortably and permit the transcending mind to glimpse and imbibe above format feature values of quadruple values (3, 4, 5, 6) which as a four folds manifestation layer is hypercube 5 and same as number of internal diagonal emanating from the corner point of polygon, takes us to quadruple polygons, namely (polygon 5, polygon 6, polygon 7 and polygon8).
17. One may have pause here and take note that Ganita Sutras mathematical domain is organized to work out number values domains (3, 4, 5, 6, 8) by availing number values domains (0, 1, 2, 7, 9, 10).
18. It would be blissful exercise to visit and revisit quadruple polygon (polygon1, polygon 2, polygon 3, polygon) and also to visit quadruple polygon (polygon 5, polygon 6, polygon 7, and polygon 8).
19. Simultaneously one shall also visit and revisit quadruple hypercube namely (hypercube 1, hypercube 2, hypercube 3, and hypercube 4) and also one shall revisit (hypercube 5, hypercube 6, hypercube 7, and hypercube8).
20. It would be blissful exercise to visit and approach dimension fold of n space as (N-2 space domain) in the role of dimensions.
21. Further one shall visit and approach domain fold as a manifest space contained of corresponding dimensional space itself. ■

1. Strength of Vedic Mathematics is in the values of its mathematics, as such first of all these values be specifically tabulated.
2. The acceptance of mathematics as a school subject is there in the intimate virtues parallel to the intelligence field. As such the parallels of Vedic Mathematical are processing steps and of sequential progression and richness of intelligence field be specifically drawn.
3. Teaching and learning aspects of the school subjects being of central concern of schooling, as such the learning and teaching aspect of Vedic Mathematics is to be evaluated before the same is too introduced as a subjects. And , this bring to us focus about the expected level of preparation on the point, particularly, as to;
 - (i) Class wise text books.
 - (ii) Standardized evaluation system.
 - (iii) Teacher training institutes to be in place.
4. The sustains of the subject is interrelated with the continuous research. As such, appropriate attaining is to be given to ensure continues research in the Vedic Mathematical domain. ■

9

GOAL ATTAINMENT STEPS

1. Settled values.
2. Utility of values.
3. Utility versus costs.
4. To meet negativities.
5. To encourage positivities. ■

10

WHY VEDIC MATHEMATICS?

1. Following values of Vedic Mathematics may help appreciate the justification for introducing Vedic Mathematics as main stream Discipline of knowledge:
 - (i) It is eternal, universal, natural and parallel to Human intelligence field.
 - (ii) It is the basis base of Technologies of Existence phenomenon of manifested creation within without frames, including human frame.

(iii) It is the reservoir of values of sustain-ness systems of our existence with a solar universe.

2. Further, Vedic Mathematics is the unified discipline of knowledge and every branch of knowledge accepts organization format supports of Vedic Mathematical domain.
3. Still further, it settled a single integrated and synthetic measuring rod (Sathapatya measuring rod), a synthesis setup of hyper cubes 1 to 6. As the beginning as well as the end reach value of knowledge chase steps.
4. Vedic Mathematics works out whole range of existence phenomenon of earth to sun range along Sathapatya measuring rod in terms of working steps of Ganita Sutras and Upsutras.
5. This chased comes in within unison transcendental carriers processing steps within the rays of the sun.
6. This gives us to reach for incitation to glimpse and imbibe the values of Vedas lively within rays of the sun.
7. This way, we come face to face with the eternity universality, naturalness and oneness of Vedic Mathematics processing system with values and virtues of our intelligence field.
8. This as such justified the case for introducing Vedic Mathematics as main school subject, at all level of schooling.
9. With the introduction this subject there would appropriate exposure of young mind to creative order and with it the linear order mental stated would dissolve of their own.
10. The present day mathematical knots and problems of their only because of insistent of the present day system to upon the linear order approach to the space.
11. It is a matter of concern that modern thinker are insisting having evaluated justification of Vedic Mathematics system within the linear thinking module which is highly inappropriate and is also higher unjustified as Vedic system do not restrict themselves up till linear order.
12. Infact Vedic system have their roots in their spatial order creator the space (a real four space).
13. One may have a pause here and to pause to one self as to why nineteen century minds were not successful to make any sense out of the mathematical values of Ganita Sutras and as to why Shankarcharya were successful to reach at the keys and could de-code Ganita Sutras.
14. One shall further have and take note that how it is that modern mind is not successful even to glimpse as to where the axiom and postulate have wrong that it is not becoming possible to support as to why everywhere continues function is nowhere dire able .
15. This all is happening as the insisting of modern mind a attempting reach at lamination a linear order why approaching it within a linear frame, while the answer lies in a spatial order format features and values.
16. There is genuine case for introducing Vedic Mathematics as main stream school subject at all level. However there is no DNA of fact that such introduction presumes proper pre-extending satisfaction of availability of class wise text books, and

appropriately enlightened Vedic Mathematics teachers and these preconditions or easily compliable provided the policy and will to implement the policy is well in place.



WHITE AND BLACK MATTER

1. Vedic Mathematics in its unique way defines and works out negative dimensional orders.
2. Further Vedic Mathematics not only works out structural domain of positive number of frequencies of occurrence but also at the same time negative numbers of frequencies of occurrence as well are parallel work out .
3. For a rich from single frequency of occurrence to zero frequency of occurrence, the conceptual approach that works is that of the format features of presence and absence. Asking some-body to bring one book would mean he would, in compliance of command, will bring a single book/one piece / entity/book.
4. Now when the command is bring ‘zero number of books’, the composition would be the fruit that no book stand plot.
5. A step head, if the given command is to bring (-1) number of books, then the complain of this command will be of effect that one book stand taken away, in stand of any book being brought in.
6. In a further concrete illustrative case bringing in may be taken as off bringing in light and contrary to would be take out black ‘matter’.
7. In another concrete situation, to erect and to dig out feature will help to compile command for positive and negative of frequencies in the form of erecting one pillar and digging out one hole.
8. To erect will have a parallel of having addition of a dimension and to dig will have the parallel of reaching at a dis-solution of a dimension.
9. To sequentially manifest a dimensional frame is going to be a feature of having sequential addition of light rays (beams).
10. On another hand, the erection would be of a sequential black matter beams addition to accommodate negative number of frequencies.
11. Light beams and black matter beams, erection of pillar and digging of holes, manifesting upward and manifesting downward, going (+1) orientation way and (-1) orientation way and the like or the formatting features of positive (number) of frequencies and negative (number of frequencies).
12. The simultaneously handling as an integrated range of sequential steps is the attainment feature of Vedic Mathematics working out dimensional frame parallel to artifices of numbers.
13. In another unique way Vedic Mathematics tames curvature by simultaneously handling domain fold and boundary fold setups.
14. In the process, it is not the feature of split of the boundary, but also the split of domain as well stand handled because of which square and circles, both, become representative regular bodies of 2-space, and a step head, cube and sphere as well become representative regular body of 3-space.

15. Further in a unique way, the Vedic Mathematics handles asymmetry, along the format of symmetry with the help of remainder by approaching number value along a place value system.
16. Still further Vedic Mathematics, in its unique way handles not only positive but negative squares as well along the formats of a pair of faces of a surface within 3-space.
17. Pair of orientation helps handle positive and negative length, pair of faces of a surfaces help handle positive and negative areas.
18. A split of a 3 dimensional frames into a pair of 3 dimensional frames of half dimensions of opposite orientation and their translation along the internal diagonal of a cube help handle synthesis of a three dimensional frame of full dimensions.
19. Synthesis of a pair of monad has a tri-monads is the unique format of Vedic mathematical processing systems.
20. Dimensional synthesis, domain split spectrum, synthesis of transcendental ranges.
21. Split of a self-referral range into a pair of sequential order transcendental ranges, and the like or a series of unique feature of Vedic system which make Vedic Mathematics a class distinct and of superior values over and above the mathematics of conventional system.
22. Vedic system in their unique way handle reflection operation not only of horizontal format but also of vertical format as well, because of which, Vedic arithmetic goes parallel to that of geometric setups.
23. Illustratively (0, 1, 10) constitute a horizontal reflection pair of artifices.
24. $(2^3, 3^2)$ constitute vertical reflection of artifices.
25. This way Vedic Mathematics systems unify arithmetic, algebraic, geometric, light, manifestation, transcendence features and in-one go arithmetic, algebra, geometry and manifestations and transcendence and much more gets unified as a single domain of mathematics.
26. Even white and black matter gets simultaneously formatted.



ATTAINMENT OF VEDIC MATHEMATICS COURSES

1. The attainment of Vedic Mathematics courses is going to be order of ‘Ganita Sutras and Ganita Upsutras’.
2. Source sutra is Ganita Sutra 1 and attainment sutra is Ganita Sutra 16.
3. Source upsutra is upsutra 1 and attainment upsutra is upstura 13.
4. The net attainment of Ganita Sutras and Ganita Upsutra is of format feature of Ganita Sutras 14, 15, 16 and Ganita Upsutras 11, 12, 13.
5. Ganita Upsutras 11 and 12 index the attainments as of features ‘vikloknam (glimpsing) and lопасathapana (imbibing and comprehending)’.

6. This is the ultimate attainment of ‘intelligences field index’.
7. Ganita Sutra 14 and Ganita Upsutra 11 together make a glimpsing format.
8. Values pair (14, 11) is the end value pairs of four fold manifestation layers (11, 12, 13, 14) in its opposite orientations (14, 13, 12, 11) making it the format of hypercube (13), as well as of hypercube (-12).
9. Likewise Ganita Sutras 15 and Ganita Upsutra 12 lead us to the format of hypercube 14 and hypercube (-13).
10. A step head Ganita Sutra 16 and Ganita Upsutra 13 takes us to the format of hypercube 15 and hypercube (-14).
11. As a result Ganita Upsutra 13 as a dimension fold with it reaches up till Ganita Sutra 16 as its origin will index the flag point of attainment of the order of Ganita Sutras and upsutras.
12. As such, the Sadhkas under going through Vedic Mathematics courses shall be perfecting their intelligence and will be acquiring glimpsing and imbibing features.
13. The methodology to be availed is that Sankhyanishtha and Yoganishtha compliment and supplement each other and as such artifices the number s and dimensional frames are going to be Vedic Mathematics tools to be availed.
14. The advantages of these courses lie in its approach of visiting existence phenomenon in its enteritis as single discipline of knowledge.
15. This course shall be laying foundation for Vedic Mathematics, Science & Technology.



VEDIC MATHEMATICS

TEXT BOOK

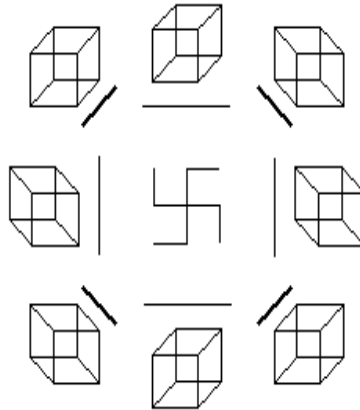
CLASS-X

Section 4

Lessons

LESSON – 01

HYPER CUBE – 4



1. Hyper cube 4 is the representative regular body of 4-space.
2. It is of a spatial order set up.
3. It has solid boundary.
4. It has transcendental origin.
5. Its dimensional frame is a set up of 4 spatial dimensions.
6. Its solid boundary splits in to 8 components.
7. It is a four folds manifestation layer of 2, 3, 4 & 5 spaces contents simultaneously manifesting.
8. 2 space content manifests and plays here the role of dimension and 4 such dimensions constitute a dimensional frame of 4-space.
9. 3-space content manifests and plays here the role of boundary of 8 components.
10. 4-space content manifests here and plays the role of domain fold enveloped within a solid boundary of 8 components.
11. It has transcendental origin (5-space as origin) fold, as a seat of origin of 4 dimensional frames.
12. Solid boundary of 8 components accepts fixation in terms of $8 \times 4 = 32$ coordinates within a dimensional frame of 4 dimensions of spatial order.
13. within 4-space domain, solids (3-space bodies)/cube/hyper cube 3) has a degree of a freedom of motion which manifests as 13th edge for 12 edged cube.

14. The 13th edge of cube manifests along the fourth dimension 15. As the fourth dimension is of a spatial order, as such the 13th edge accepts spatial format.
16. 4 space domain is swapped by 13 edged cube, with spatial format for its 13th edge, as such 13 edged cube is also designated as a quarter of hyper cube 4.
17. The exhaustive coverage for 4 space domain is attainable in terms of four 13 edged cubes and it makes a structural set up of $13 \times 4 = 52$ structural components set up.
18. The feature of $8 \times 4 = 32$ coordinates fixation of the solid boundary and 13 edged cube set up within 4 space are the values features being approached in the Vedic systems as 32 external Devtas and 13 internal Devtas, as is the enlightenment of MAANSARA, scripture of Sathapatya Upved.



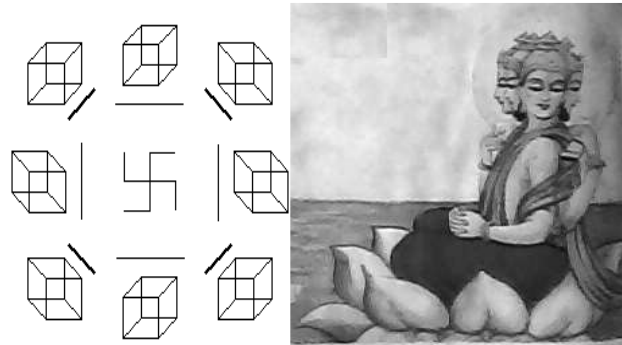
LESSON – 02

IDOL OF LORD BRAHMA



1. Lord Brahma is a four head lord.
2. Each head of Lord Brahma is equipped with a pair of eyes
3. Lord Brahma sits gracefully on the lotus seat of 8 petals.
4. Within cavity of heart of Lord Brahma is the seat of
Transcendental Lord Shiv.
5. Lord Shiv is 5 head lord with 3 eyes equipped in each head.
6. Lord Brahma meditates upon Lord Shiv within cavity of his own heart.
7. With the grace of transcendental lord Shiv, Lord Brahma multiplies 10 folds as 10
Brahmas within Shiv Lok.
8. These features and values of idol of Lord Brahma are parallel to the features and
values of format of hyper cube 4.
9. 4 Heads of Lord Brahma are parallel to 4 dimensions of 4-space.
10. Pair of eyes in each head of Lord Brahma are parallel to a spatial dimensional order
of 4-space.
11. Lotus seat of 8 petals is parallel to solid boundary of 8 components of hyper cube 4.

12. Transcendental seat of Lord Shiv within cavity of heart of Lord Brahma is parallel to transcendental origin (5-space as origin fold of hyper cube 5).
13. Multiplication of Lord Brahma as 10 Brahmas within Shiv Lok (5 space is parallel to creative boundary of 10 components (4 space) as boundary of 10 components of hyper cube 5, the representative regular body of 5-space).
14. It would be a blissful exercise to tabulate above parallel features and values of Idol of Lord Brahma and of hyper cube 4 and to chase these features and values one by one.



15. It would be blissful to comprehend and imbibe parallel features and values of 4 heads of idol of Lord Brahma and 4 dimensions of 4-space.
16. It would further be blissful to comprehend and imbibe the parallel features and values of a pair of eyes in each head of idol of Lord Brahma and spatial dimensional order of 4-space.
17. Still further it would be a blissful exercise to comprehend and imbibe the features and values of lotus seat of 8 petals and solid boundary of 8 components.
18. Still further it would be very blissful exercise to comprehend and chase the existence of seat of transcendental Lord Shiv within cavity of heart of Lord Brahma and the transcendental origin fold of hyper cube 4 parallel to transcendental origin (5 space as origin) of Creator's space (4 space).

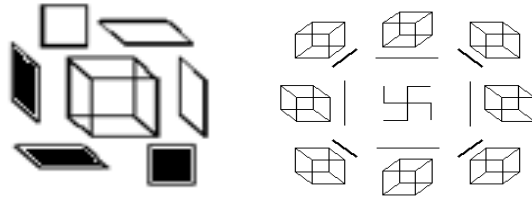
19. It would further be very very blissful exercise to comprehend and imbibe the phenomenon of multiplication of Lord Brahma as 10 Brahmas with the grace of transcendental Lord Shiv.
20. The enlightenment to be imbibed by the students of Vedic Mathematics Science & Technology is that it would be the privilege to attain transcendental grace by meditating within cavity of one's own heart.
21. Transcendental domain provides consciousness format for manifestation of creative intelligence



LESSON – 03

TRANSITION FROM CUBE AS HYPER CUBE 3 TO

HYPER CUBE 4



1. Centre of the cube is the seat of origin of 3-space.
2. 4-space plays the role of origin of 3-space.
3. Hyper cube 4 manifests in its zero value set up at centre of the cube and same behaves as like any other point of the cube though centre, otherwise is of a dual status firstly being like any other point of the cube and secondly as that it is unique from all other points of the cube being equally placed from all the corner points of the cube.
4. Cube collapses at centre of the cube.
5. Centre of the cube is the seat of inner most corner points of all the eight folds sub cubes of the cube.
6. It is this eight folds imposition of sub cubes with centre as the seat of inner most corner points of the sub cubes makes centre being enveloped by a solid boundary of 8 components.
7. It makes of a format of hyper cube 4 with its domain fold being enveloped within a solid boundary of 8 components.
8. It would be a blissful exercise to chase centre of the cube parallel to origin of 3-space.
9. It would further be a blissful exercise to chase centre of the cube as of a dual status firstly like that of any other point of the cube and secondly as of being unique being equally distant from all the corner points of the cube.

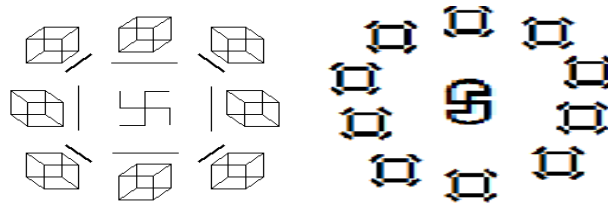
10. It would further be a blissful exercise to chase split of a cube in to 8 sub cubes parallel to 8 octants split of 3 space.
11. Still further it would be a blissful exercise to comprehend and imbibe the feature and value of centre of the cube as a seat of placement by super imposition of inner most corner points of sub cubes at centre of the cube.
12. Still further it would be very blissful exercise to comprehend and imbibe centre as a seat of placement of 4--space domain enveloped within a solid boundary of 8 components.
13. One shall evaluate oneself by expressing one's comprehension of the features and values of centre of cube.
 - a) Centre of cube being of a placement seat within 4-space.
 - b) 8 sub cubes are of the format of solid boundary of 8 components of hyper cube 4.
14. One shall further express oneself fully about 4-space as the origin fold of hyper cube 3.
15. One shall further attempt an essay as that 4-space plays the role of origin of 3-space.
16. It would be very blissful exercise to chase 'cube' as hyper cube 3.
17. Along four folds format of idol of lord Brahma with focus upon 1-space in the role of dimension while 2 space plays the role of dimension of hyper cube 4; 2 space in the role of boundary of cube while 3 space plays the role of boundary of hyper cube 4; 3 space plays the role of domain fold of hyper cube 3 while 4 space plays the role of domain fold of hyper cube 4 & 4 space plays the role of origin of hyper cube 3 while 5 space plays the role of origin of hyper cube 4.
18. Further one shall also chase cube in static and dynamic state within 4 space domain of hyper cube 4.
19. Still further it would be a very blissful exercise to chase strip off of spatial boundary and it playing the role of spatial dimension of 4-space.
20. It would further be very blissful exercise to comprehend and imbibe 4-space in the role of origin of 3-space.
21. Still further it also would be a very blissful exercise to comprehend and imbibe 4 space as origin of 3-space of 3 dimensional frame in the context of 3 dimensional frames imbedded in the corner points of cube.

22. Still further it would be very blissful exercise to comprehend and imbibe centre of the cube within 4 space as super imposed upon centre of hyper cube 4 which is a seat of 5-space.



LESSON -04

TRANSITION FROM HYPER CUBE 4 TO HYPER CUBE 5



1. Hyper cube 4 is the representative regular body of 4 space while hyper cube 5 is the representative regular body of 5-space.
2. Hyper cube 4 is a four folds manifestation layer (2, 3, 4, 5)/ 2 space as dimension fold, 3 space as boundary fold, 4 space as domain fold and 5 space as origin fold.
3. Hyper cube 5 as well is a four folds manifestation layer (3, 4, 5, 6)/ 3 space as dimension fold, 4space as boundary fold, 5 space as domain fold and 6 space as origin fold.
4. Transcendence at origin folds of hyper cube 4 (5-space in the role of origin) takes to 4-space in the role of boundary fold of hyper cube 5.
5. This brings to focus the transition and transformation in the role of 4-space from 4 space as origin fold of hyper cube 4 to the role of 4 space as boundary fold of hyper cube 5.
6. The strip off of solid boundary from the domain fold of hyper cube 4 plays the role of solid dimensional order of 5 space and manifests 5 space domain.
7. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the features and values of this transition and transformation phenomenon by way of transcendence at the origin fold of hyper cube 4 and simultaneous phenomenon of strip of solid boundary of hyper cube 4

8. It would be blissful to comprehend and imbibe the transcendence at origin fold of hyper cube 4 leading to manifestation of creative boundary (4 space as boundary) of hyper cube 5 and simultaneously the strip off of the solid boundary of hyper cube 4 manifesting domain fold of hyper cube 5 .
9. Boundary of hyper cube 4 manifesting as solid dimensional frame and creating 5 space as domain, and on the other hand transcendence at the origin fold of hyper cube 4 manifesting as creative boundary of hyper cube 5 are the features which deserve to be comprehended well and same to be appreciated fully for complete imbibing of features and values of this phenomenon to acquire deep insight and appropriate phenomenon of transition and transformation from the format of hyper cube 4 to format of hyper cube 5.
10. One shall sit comfortably and permit the transcending mind to glimpse the transition phenomenon from the format of hyper cube 4 to the format of hyper cube 5 by having step by step chase for fold wise transition.
11. One may start with the boundary fold of hyper cube 4 and to reach at the manifestation of solid order dimensional frame of hyper cube 5 and manifested creation of 5 space domain within solid order dimensional frame.
12. At next step one shall chase transcendence at origin fold of hyper cube 4 and its reach as 10 fold manifested creation of 4 spaces in the role of boundary of hyper cube 5.



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**VEDIC MATHEMATICS
(RESEARCH METHODOLOGY)**

**PART A
ASPIRING FOR ORIGINAL GLORY**

1

SYSTEMS TO BE APPROACHED THE SYSTEM WAY

1. First value of Vedic Mathematics research methodology is that Vedic systems to be approached the Vedic systems way.
2. Foundational rule of Vedic system is that the 'beginning and end' are to be at the same meant (placement).
3. Along the interval format it is going to be of the features of a pair of stream of opposite orientation of value steps of beginning form one end and there being a reach at the second end, and there from the reach is to be back to beginning point itself.
4. Along the circumference of a circle the beginning form a given point of a circumference with circumference it as the chase format shall be its own will take back to the starting point of circumference itself.
5. The same, to have its parallel along the diameter, as an interval of a pair of orientation help Vedic system to tane curvature and it as such, becomes the inherent potentiality of Vedic system.
6. This has Vedic systems way to have exhausted coverage for the domain as a range, is to be respected while exploring Vedic Mathematics values.



2

VEDIC MATHEMATICS VALUES SUTRAS

1. Vedic Mathematics values, being the basic base value of Vedas, the same are blissful there everywhere in the Vedic scripture.
2. Vedas are four. The four Vedas (arthved), as its name well indicates the same is Ved of meanings of other three Vedas.
3. Vedic Mathematics values sutras (designated as Ganita Sutra and upsutra) are the appendix portion of arthved.
4. Sathapatya upved (of arthved) as the name itself well indicates settles the manifested format for the values of Vedic knowledge and processing feature of Vedic system.
5. Sathapatya upved determines Sathapatya measuring rod for chase along the manifested format of knowledge value of Vedas.

6. Ganita Sutras become the basic base of Sathapatya measuring rod, and Sathapatya measuring rod become the settle processing format of Vedic Mathematics of Ganita Sutra and upsutra.
7. Sadhkas fulfilled with intensity of urge to glimpse and imbibe the values of Vedic Mathematics shall imbibe the above feature of Ganita Sutras settling Sathapatya measuring rod and Sathapatya measuring rod itself settling the processing format of Ganita Sutras. ■

3

SATHAPATYA MEASURING ROD

1. Sathapatya measuring rod is the processing format of Ganita Sutras and Ganita Sutras settling the Sathapatya measuring rod itself is the feature which makes Vedic system as self-referral and self sustained and self contained system.
2. Sathapatya measuring rod is the basic base of human frame, as well of the solar universe.
3. It is the synthetic setup of Sathapatya measuring rod as synthesis of hypercube 1 to 6, as a basic of human frame, as well as of solar universe, it brings to focus that glimpsing of Existence phenomenon on the part of sadhkas (a living being within a human frame) is a phenomenon of intelligence field of sadhkas.
4. As the intelligence field of sadhkas accepts compactified mental states because of the manifestation format of Sathapatya measuring rod, as such the intensity of urge of the sadhkas initiate transcendence for the mental states.
5. This transcendence phenomenon sequentially but phase wise causes transition and transformation for the mental states parallel to the consciousness field of the sadhkas sustaining the intelligence field of sadhkas. This bring to focus a value of Vedic system reach being parallel to the consciousness state of sadhkas
6. This being so the research attainment of the sadhkas, naturally would be parallel to sadhkas consciousness state. ■

4

COMPACTIFIED MENTAL STATES, INTELLIGENCE FIELD AND CONCUSNESS STATE

1. Vedic Mathematics research methodology, that way gets personalized and gets straight a way linked with research scholar start with mental state, intelligence field sustaining it as formatted along scholar's conscusioness state.
2. It becomes the solemn responsibility of the guru guide to have realistic index of the existence mental state, intelligence field and mental state of the sadhkas scholars and to index the draw transcendental up lift ment going to be there of the sadhkas during research duration and in the light of same to settle the research theme goal and attainable values. ■

5

ATTAINABLE VALUES OF VEDIC MATHEMATICS RESEARCH PROJECTS

1. Vedic Mathematics values being basis base of Vedas, and Vedic samhitas being the source reservoir of Vedic value and sakalas rigved samhitas being the source samhitas reaching us intact from its first syllable till its last (4,32,000th) syllable, the attainable values of the Vedic Mathematics research project is to be to fully glimpse this ranges of values.
2. The starting with range of 519 letters of Ganita Sutras and upsutras, and with their help, sport and foundation to glimpse and comprehend the values range of 4,32,000 syllables of sakalas rigved samhitas, bring us face to face with the need of such a large number of Vedic Mathematics research results of attainable values to be aimed by all those who aspire to revive Vedic Mathematics of its original glory.

■

6

VEDIC MATHEMATICS

1. Vedic Mathematics is basic base mathematics of Vedas.
2. Reach to Vedas is upon foundational format of vedangas.
3. Vedangas are six in numbers and jyotish vadanga, in particular avails the virtues of the values of basic base mathematics for organizational chase of solar universe on the time line of jyoti.
4. With it, jyoti becomes the basic base value of Vedic system, as reach steps of Vedas.
5. Vedas are four in number and they are elaboration of single wholesome Ved.
6. 'Ved' is manifestation of root 'vid'.
7. Vid means 'to know, as well, what stand known'.
8. 'Vid' to 'gan-it' is the range of basic base values making Vedic Mathematics domain: 'vid' formulated are Vedic system and 'gan-it' is the Vedic Mathematics.
9. Vedic Mathematics research methodology comes to be, to glimpse and chase 'gan-it' and its preservations as 'guna-ka'.
10. To fold reach from 'gan-it' to 'guna-ka' and the other way round from 'guna-it samucchaya' to 'samucchaya guna-it' is going to be Vedic Mathematics research reach.
11. 'guna-it samucchaya' to 'samucchaya guna-it' are to be simultaneously glimpsed and same to be comprehend as complementary and supplementary reach values of Vedic Mathematics domain.

■

7

SUTRAS TEXT TO AVAIL DEVNAGRI ALPHABET VALUES

1. Sutras text as reached us in Devnagri script. As such, sadhkas desiring to reach at meaning and values of the original text itself, shall avail the format feature of Devnagri alphabet and values of individual letters of Devnagri alphabet.
2. Ganita Sutras and upsutras text is availing just 36 letters of Devnagri alphabet, as such to said 36 letters, in particular shall be glimpsed and there formats features and values to be imbibed fully.
3. With glimpsing and imbibing the format features and values of Devnagri alphabet, one shall also comes face to face with the Divya Ganga Parava (transcendental values flow of jyoti) through artifices of components of sole syllable Om manifesting as the formats of Devnagri and of Ganita Sutras.
4. The manifested formats are for the reach of values of jyoti into pravane reservoir of virtues.
5. This transcendental reach of jyoti values and their transformation into Brahman virtue is the phenomenon with whose glimpsing and imbibing, the sadhkas shall be melting their mental states and shall be attaining transcendental state.
6. It is with this transition and transformation for the mental state into transcendental state that sadhkas shall be putting himself along the self-referral format and from this stage onwards to the unity state, the search would continue.

■

8

TRANSCENDENTAL STATE TO SELF-REFERRAL STATE AND SELF-REFERRAL TO UNITY STATE

1. Mental state to transcendental state is the learning state.
2. Transcendental state to self-referral state is the super wised research state.
3. Self-referral state to unity state is self guided and self evaluated
4. Unity state onwards till attainment of natural state is the glimpsing and comprehension state.
5. Natural state to Brahman state is the blissful existence state of the sadhkas.
6. Therefore from learning stage to the blissful existence state, there are phases and stages through which sadhkas intensity of urge to know is to sequentially transit and these transition stages shall be bringing one phase to phase with different values and virtues of Vedic Mathematical domain.
7. These different phases and ranges of values of knowledge of Vedic Mathematical domain manifest parallel to different phases and stages of manifestation and dissolution of Sathapatya measuring rod itself.

■

9

SEQUENTIAL MANIFESTATION AND DISSOLUTION OF SATHAPATYA MEASURING ROD

1. Sathapatya measuring rod is a synthetic setup of formats of hypercube 1 to 6.
2. The sequential manifestation of Sathapatya measuring rod is of phases and stages:
 - (I) Hypercube 1
 - (II) Hypercube 1 and hypercube 2
 - (III) hypercube 1, hypercube 2 and hypercube 3
 - (IV) Hypercube 1, hypercube 2, hypercube 3 and hypercube 4.
 - (V) Hypercube 1, hypercube 2, hypercube 3, hypercube 4 and hypercube 5.
 - (VI) Hypercube 1, hypercube 2, hypercube 3, hypercube 4, hypercube 5 and hypercube 6.
3. The manifestation of hypercube 1 within hypercube 1 and its dissolution within hypercube 1 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.
4. The manifestation of hypercube 1 and hypercube 2 (within hypercube 2) and their dissolution within hypercube 2 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.
5. The manifestation of hypercube 1, hypercube 2 and hypercube 3 (within hypercube 3) and their dissolution within hypercube 3 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.
6. The manifestation of hypercube 1, hypercube 2, hypercube 3 and hypercube 4 (within hypercube 4) and their dissolution within hypercube 4 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.
7. The manifestation of hypercube 1, hypercube 2, hypercube 3, hypercube 4 and hypercube 5 (within hypercube 5) and their dissolution within hypercube 5 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.
8. The manifestation of hypercube 1, hypercube 2, hypercube 3, hypercube 4, hypercube 5 and hypercube 6 (within hypercube 6) and their dissolution within hypercube 6 are distinct features of manifestation and dissolution of this phase of Sathapatya measuring rod.



SEQUENTIAL MENTAL STATES

1. Linear order 3-space set up is a format is of first mental state of waking consciousness base.
2. Spatial order 4-space set up is a format is of second mental state of dream consciousness base.
3. Solid order 5-space set up is a format is of third mental state of deep sleep consciousness base.
4. Hyper solid 4 (creative) order 6-space set up is a format is of fourth mental state of turia consciousness base.

5. Hyper solid 5 (transcendental) order 7-space set up is a format is of fifth mental state of transcendental consciousness base.
6. Hyper solid 6 (self-referral) order 8-space set up is a format is of sixth mental state of god consciousness base. ■

11

MANIFESTATION AND DISSOLUTION OF HYPERCUBE 1, 2, AND 3 WITHIN HYPERCUBE 1

1. Hypercube 1 is a four folds manifestation layer (-1, 0, 1, 2) of summation value '2'.
2. Hypercube 2 is a four folds manifestation layer (0, 1, 2, 3) of summation value '6'.
3. Hypercube 3 is a four folds manifestation layer (1, 2, 3, 4) of summation value '10'.
4. Of the 3 manifestation layer are of value $2+6+10 = 18$.
5. Hypercube 3 has a spatial boundary of 6 components.
6. Its fixation within 3 dimensional frames requires $6 \times 3 = 18$ quardinate.
7. Each of 3 linear dimensions with 2-space as origin, give rise to a set up of 3 spatial dimensions.
8. The origin of 3-space is 4-space. The emergences of a spatial 3 dimensional frame of spatial dimensions within an cube with 4-sapce origin which itself being a spatial order space accepting dimensional frame of quadruple spatial dimensions.
9. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon and to imbibe the values of the phenomenon of emergences and dissolution of hypercube 1, 2, and 3 within hypercube 3.
10. As such, it would be blissful to comprehend the way first mental state of linear order (waking state of consciousness) manifests and dissolves.
11. And this happen with release of spatial order 4-space at origin of 3-sapce /origin fold of hypercube 3 /centre of cube. ■

12

MANIFESTATION AND DISSOLUTION OF HYPERCUBE 1, 2, 3 and 4 WITHIN HYPERCUBE 4

1. Hypercube 1, 2, 3, and 4 are four fold manifestation layer of summation value 2, 6, 10, 14 of grand summation value 32.
2. Hypercube 4 accepts solid boundary of eight components which permit quardination in terms of $8 \times 4 = 32$ spatial quardination.

3. One may have pause here and take note that the 3-space plays the role of origin of 2-space.
4. As such their emergences a solid dimensional frame of 4 dimensions.
5. Further as that 5-space which is a solid order space, plays the role of origin of 4-space. The emergences of solid dimensional frame of 5 solid dimensions dissolves the spatial creation within 4-space.
6. One may have pause here and permit the transcending mind to glimpse and imbibe to emerging phenomenon of manifestation and dissolution of hypercube 1, 2, 3 and 4 within hypercube 4.
7. Parallel to it would be the phenomenon of melting of second mental state and its transition and transformation into next that is 3rd mental state.
8. Like that one may glimpse the phenomenon of sequential emergence and feeding of manifestation creation within hypercube 5, 6, 7, 8, 9 respectively.
9. It would be blissful to glimpse and imbibe the value of sequential transition for the mental states. ■

13

DISSOLUTION OF MENTAL STATES AND EMERGENCE OF EXISTENCE PHENOMENON OF HIGHER ORDERS

1. Sadhkas fulfilled with intensity of urge to glimpse the existence phenomenon of different orders shall consciously glimpse the phenomenon of melting of mental state in a sequential flow.
2. Parallel to it would be the research attainment of the sadhkas.
3. It would be a blissful to take note that the same text sequentially unfolds values of the existence phenomenon of whole range of orders.
4. This being so, while tabulating the research result one shall be consciously as to at what order of existence phenomenon the complication tabulation is being had.
5. Accordingly are the tabulation of values of 3, 4, 5 and 6 spaces mathematics, science and technologies.
6. One shall sequentially tabulate the values of 3-space VMS & T, 4-space VMS & T, 5-space VMS & T and 6-space VMS & T. ■

14

3-SPACE VMS&T

1. 3-space Vedic Mathematics, Science & Technology (VMS&T) is of a linear order (1-space) plays the role of dimension and it is a format of measure /units. (1 as 1).
2. It is of hypercube 3 format.
3. 3-space content is the subject matter of 3-space sciences.
4. 3-space domain format is the subject matter of 3-space technologies. ■

4-SPACE VMS&T

1. 4-space Vedic Mathematics, Science & Technology (VMS&T) is of a spatial order (2-space) play the role of dimension and it is a format of measure /units. (2 as 1) and (1 as 2).
2. It is of hypercube 4 format.
3. 4-space content is the subject matter of 4-space sciences.
4. 4-space domain format is the subject matter of 4-space technologies.
5. Like that are the basic values of 5-space VMS&T and of 6-space VMS&T.
6. The settlement of hypercube formats, and of Devnagri alphabet of Ganita Sutras takes us to divya ganga parvaha and as such sadhkas fulfilled with intensity of urge to exposure further the basic of Vedic Mathematics research methodology shall glimpse and imbibe the phenomenon of divya ganga parvaha and to comprehend number value formats for artifices of number values 1 to 26, and a step head, one shall also glimpse and imbibe the features of transcendental code values of words formulation of availing Devnagri alphabetic letters. ■

**VEDIC MATHEMATICS
(RESEARCH METHODOLOGY)**

TOPICAL ASPECTS

CONTENTS

PART B

SPECIFIC

**DIVYA VASTU AND YOGYA VYAKTI (TRANSCENDENTAL OBJECT AND
KNOWLEDGEABLE PERSON)**

1. Vastu vyakti
2. Transcendental carrier

**VEDIC MATHEMATICS
(RESEARCH METHODOLOGY)**

TOPICAL ASPECTS

CONTENTS

PART B

SPECIFIC

**DIVYA VASTU AND YOGYA VYAKTI (TRANSCENDENTAL OBJECT AND
KNOWLEDGEABLE PERSON)**

1

VASTU VYAKTI

1. '*Vastu*' literally means 'object'.
2. '*Vyakti*' literally means 'person'.
3. Formulation '*vastu*' accepts TCV value 18.
4. Formulation '*vyakti*' accepts TCV value 16.
5. Values pair (18+16) is parallel to (domain, dimensions) format.
6. Formulation '*divya vastu*' accepts simple English rendering as (transcendental matter).
7. Formulation '*divya vastu*' accepts TCV value $17+18 = 35$.
8. Formulation '*yogya vyakti*' accepts simple English rendering as (knowledgeable person).
9. Formulation '*vogya vyakti*' accepts TCV value $13+16 = 29$.
10. Vedic system existence phenomenon as of a pair of folds '*vastu*' and '*vyakti*'.
11. As such Vedic systems processing steps come to be '*vastu nishti*' and '*vyakti nishti*'.
12. *Vastu nishti* means 'object based'.
13. *Vyakti nishti* means 'person based'.
14. *Vyakti vishesha* means 'a specific person'.
15. *Vastu vishesha* means 'specific object'.
16. Formulation *vyakti visheshal* accepts TCV values $16+24 = 40$.
17. *Vastu vishesha* accepts TCV value $18+24 = 42$.
18. Number value 40 is parallel to $4 \times 10 = 40$ quardimates of creative 4-space) boundary of transcendental (5-space) domain.
19. Number value 42 parallel to dimensional synthesis values of a pair of spatial order five folds transcendental ranges $(2+3+4+5+6) + (2)+(3)+(4)+(5)+(6) = 42$.
20. Further as that NVF (five) = NVF (nine) = NVF (new) = spatial order setup.
21. These features bring to focus the features of transcendental domain being availed by Vedic processing systems for transcending through the manifested creations.
22. One may have pause here and take note that values 18 accepts re-organization as $18 = 3+4+5+6$ which is parallel to 4 fold manifestation layer (3, 4, 5, 6) of hypercube 5 as print out of representative regular body of 5-space within 4-space.

23. It is this reach of Vedic system which is too glimpsed and to be imbibing sadhkas for attaining specific research results. ■

2

TRANSCENDENTAL CARRIER

1. Sealed framed domain in dynamic state transiting and translating along the format of next higher dimensional domain format is the phenomenon designated as transcendental carriers.
2. Transcendental domain in its dynamic states while translate along self-referral domain, the same as a reach up till orb of the sun.
3. A step head, Brahman carrier following the transcendence path through origin of self-referral domain for its reach up till Brahman values reservoir, is the Vedic system technique which is to be glimpse and imbibe well by the sadhkas.
4. Going by numbers values formats:
 - a) NVF (re-search) = NVF (matter) (end-sun), and
 - b) NVF (method/ology) = NVF (centre-pairing).
 - c) NVF (re-search methodology) = $216 = 6^3$.
 - d) $6^3 - 5^3 = 91$.
 - e) NVF (mirror) = 91.
5. It would be a blissful to take note that 8 cubes synthesis as a cube with it eight sub cubes leading to total structural components = $125 = 5^5$.
6. Originally 8 cubes contributed $27 \times 8 = 216 = 6^3$ structural components.
7. This structural set up deserves to chase to glimpse and imbibe the structural setup of solar universe manifesting as jyoti flow through ray of the sun.
8. It would be a blissful that formulation jyoti accepts TCV value 18.
9. This takes us to values lively within rays of the sun,
10. One shall sit comfortably and permit the transcending mind to glimpse lively phenomenon within rays of sun parallel to the values and reach of Vedic systems and the research methodology, naturally, is to be parallel to this lively phenomenon. ■

WHOLE NUMBERS MATHEMATICS

CONTENTS

5. Artifices and dimensional frames
6. Counting and hyper cube

WHOLE NUMBERS MATHEMATICS

1

ARTIFICES AND DIMENSIONAL FRAMES

1. Whole numbers are infinite in number.
2. 'Zero' is a whole number.
3. (1, 2, 3, 4...) are whole numbers.
4. (-1, -2, -3, -4 ...) are whole numbers.
5. The complete set up of whole numbers, comes to be:
(... -n, (n-1), (n-2) -2, -1, 0, 1, 2 (n-2), (n-1), n).
6. The whole numbers (1, 2, 3, 4...) are designated as positive whole numbers.
7. Whole numbers (-1, -2, -3, -4 ...) are designated as negative whole numbers.
8. Positive whole numbers are also designated as positive integers.
9. Negative whole numbers are also designated as negative integers.
10. Positive whole number like positive integers are taken as positive counts.
11. Whole number/negative integers are also approached as negative counts.
12. Positive counts are popularly being accepted as counting numbers.
13. The first count (1) becomes the basis value count.
14. With the help of this basis value count are constructed other counting numbers/positive integer/positive whole numbers.
15. The constructed rule is supplied by first Ganita Sutra 1.
16. This rule is "one more than before".
17. This rule is applied sequentially to reach at sequence of counting numbers/positive integers/whole numbers.
18. The principal, this principle value is supplied by Ganita Upsutra 1.
19. Simple English rendering of Ganita Upsutra 1 is 'to follow the form, as it is'.
20. It is a rule of 'symmetry'.
21. Accordingly, repeated availability of bases value count (1) leads us to the second count of value being double of the bases value count (1).
22. Bases base value (1) in its once/ single appearance makes count (1).
23. Bases base value 2 in its, it appearance makes double of bases base value and this twice occurrence makes the reach up till count (2).
24. It would be blissful to glimpse frequent occurrence of bases base value (1). As once, twice and of sub sequent frequencies constructing counts (1, 2, 3, 4 ...).
25. One may have pause here and have a fresh visit to the structural script of single (+).
26. It brings to focus the availability of horizontal and vertical lines joints together.
27. The availability of utilization of a pair of lines in different positional placements will help us glimpse its bases base while it is utilize for reach at count (2), with the organization arrangements being $2 = 1+1$.

28. One may have a pause here and glimpse above arrangement and emerging organization for reach from count 1 to count 2 by taking count (1). As a (line), here of a vertical positional placement.
29. This bring us further help us comprehend and imbibe our choice for the symbol as it is, for count (1), as of a vertical line format.
30. A reach from count (1) to count (2), and simultaneous reach from a single line to a pair of lines, deserves to be comprehended well.
31. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged setting plans to glimpse features of values of reach from count 1 to count 2 with the help of the organizational arrangements beginning with a single line and having attainment as a pair of lines set up.
32. This parallel shift for count and lines, as such focuses upon the inherent relationship of counts and lines. This will further have us acquire insight about the inter relationship of counts as points with bases base value of counts with a line.
33. It would be blissful to take note that this pairing has its own mathematics. It is the mathematics of artifices of numbers and dimensional frames.
34. Here it would be a blissful to glimpse through the following NVF equations:

$$\text{NVF (point)} = \text{NVF (one line)} = \text{NVF (pairing)}.$$
35. As such the mathematics of whole numbers accepts the dimensional frames format and, vice-versa, as well.
36. This is as per the basis Vedic mathematics processing value system.
37. The Vedic processing value system is that yoga nishtha and sankhiya nishtha are complementary and supplementary of each other and their processing step run parallel to each other.
38. This value manifests as that artifices of numbers and dimensional frames accepts common values manifestation format.
39. Yoga nishtah presumes the existence of artifices of numbers and upon their format are work out dimensional frames.
40. On the other hand, sankhiya nishtha presume the existence the dimensional frames and on their formats are worked out artifices of numbers.
41. Whole number 1 as single artifice. Parallel to it is a dimensional frame of single dimension.
42. Count 2 as a pair of artifices.
43. Parallel to it is a dimensional frame of a pair of dimensions.
44. Like that there would be a reach for dimensional frame parallel to counts artifices, counts as well as for artifices of count.
45. One may have pause here and permit the transcending mind to glimpse above feature of parallel sequential flow stream of counts, artifices of counts and of dimensional frames.
46. The feature of count and artifices of count, when are comprehended the same shall be bringing us face to face to poser as to what as to the lead of dimensional frames of geometric domains being framed as a space within in terms of respective dimensional frame .

47. It is here where the internal relationship of pairs of values of formulations ‘number and artifice’ will provides to us lead. And it is, as that:
 $NVF(\text{number}) = NVF(\text{artifice}) + 2$.
48. It is this difference of value 2 which will be working in case of dimensional frames as well.
49. It may appreciate as that TCV of formulation ‘ek’ ‘1’ and TCV ‘triya’ / ‘3’ accept equal value ‘8’.
50. Let us have a pause here , and to have a fresh visit to a following values:
 - (I) Count (1) as one artifice.
 - (II) $TCV(\text{ek}) = TCV(\text{triya})$
 The difference $(3-1) = 2$.
 - (III) $NVF(\text{domain}) = NVF(\text{three})$.
 - (IV) $NVF(1 \text{ dimension}) = NVF(\text{counting}) = NVF(\text{hypercube})$.
 - (V) $NVF(\text{two}) = NVF(\text{domain}) + 2$.
51. One may have further have a pause here and take note that dimensional frame of 3-space is a setup of 3 dimensions (axes/linear axes).
52. It would be a blissful to comprehend and imbibe above features and values as that count (1) as single artifices, parallel to which is a single line axis and linear axis as linear order structure 3-space within a 3 dimensional frame of 3 linear axes.
53. It would further be blissful to take note that the reach of linear axis (liner order) for framing 3-space (domain) as a jump from value 1 to value 3 parallel to the difference value 2 of NVF (number) and of NVF (artifices).
54. This further as to take us for counting to hypercube (s), a reach of whole number mathematics. ■

2

COUNTING AND HYPERCUBE

1. Counting to hyper cubes reach is a value of whole number mathematics.
2. Counting reach is of ‘1’ manifestation of ‘one-ness’.
3. $NVF(1) = 34$ which accepts re-organization $34 = (7+8+9+10)$, which is parallel to four folds manifestation layers (7, 8, 9, 10) of hypercube 9 of unity state dimensional order (7-space in the role of dimension of 9-space).
4. $NVF(\text{one-ness}) = 91 = NVF(\text{mirror})$.
5. $TCV(\text{ek}) = 8$.
6. One may have pause here and take note that $1 = 1^3$ and $8 = 2^3$ and the pair of values $(1^3, 2^3)$ are the first to member of sequence $(1^3, 2^3, 3^3, 4^3 \dots)$.
7. One may have pause here and take note that cube is a set up of $27 = 3^3$ structural components namely, (8 corners points. 12 edges. 6 surfaces and 1 volume).
8. It would further be blissful to take note that cube splits into eight sub cubes which together lead to $(27+18, 18+12, 18+12, 12+8)$ of summation value $125 = 5^3$.

9. It would further be blissful to take note that 8 cubes lead to $27 \times 8 = 216 = 6^3$ structural components of this set up.
10. It would further be blissful to take note $216 - 125 = 91$.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above reach of cube(s) reach as counting. ■

NVF DICTIONARY AND TCV DICTIONARY

CONTENTS

1. NVF
2. NVFs of words
3. TCV
4. NVF and TCV dictionary

NVF DICTIONARY AND TCV DICTIONARY

1

NVF

1. Number value format (NVF) is accepted by each letter of English alphabet
2. English alphabet 26 letters.
3. These letters accepts sequential placements, arrangements as first, second, third and so on, reaching up till 26 letters.
4. These sequential placements as first, second, third and so on as per this sequential placement accepts association number value one two three and so on.
5. The parallel reach of letters a to z and of numbers 1 to 26 makes these numbers and letters in that sequence and order, being of same values, being individually designated as numbers values formats of respective letters.
6. Number value format (short VNF) of letter a becomes '1'.
7. The same, symbolically permits expression as:
NVF (a) = 1.
8. Likewise are the expression:
NVF (b) = 2, NVF (c) = 3, NVF(d) = 4, NVF (e) = 5, NVF (f) = 6, NVF (g) = 7,
NVF (h) = 8, NVF (i) = 9, NVF (j) = 10, NVF (k) = 11, NVF (l) = 12, NVF (m) =
13, NVF (n) = 14, NVF (o) = 15, NVF (p) = 16, NVF (q) = 17, NVF (r) = 18, NVF
(s) = 19, NVF (t) = 20, NVF (u) = 21, NVF (v) = 22, NVF (w) = 23, NVF (x) = 24,
NVF (y) = 25, NVF (z) = 26.



2

NVFs OF WORDS

1. As each letter of English alphabet has its own number value format, as such when particular letters are availed for composition of a word, the same (number value format of those letters) contributes towards the NVF of concerned words.
2. These summation values of NVFs of all the letter of the word make NVF of that word.
3. Illustratively, NVF (word) = NVF (w) + NVF (o) + NVF (r) + NVF (d).
4. As, NVF w) = 23, NVF (o) = 15, NVF (r) = 18, NVF (d) = 4, as such, NVF (word) = 23+15+18+4 = 60.
5. It would be a blissful to take note that NVF (four) = 6+15+21+18 = 60.
6. Further NVF (ILLUSTRATIVELY) =
9+12+12+21+19+20+18+1+20+9+22+5+12+12+25=217.
7. Further NVF (be) = 7.
8. Like that NVF each word can computed.

9. NVF (letter) = $12+5+20+20+5+18 = 80 =$ NVF (creator) = $3+18+5+1+20+15+18$.
10. From the above, it glaring emerges as that same number value format may be accepted by different letters.
11. As such, words accepting same number value format may be tabulated.
12. Likewise, there would be distinct compilation of group of words of same number value format.
13. Within each such group, the relationship internship the word of same group shall be bringing us to face to face with insight about the inherent organization format of that very group.
14. Feature would be emerging as, NVF (letter) = NVF (creator).
15. Further as that, NVF (word) = NVF (four).
16. Still further: NVF (five) = NVF (nine) = NVF (new) and like that one shall glimpse and imbibe such features and to comprehend and to have insight above these features.
17. Still further, one may organize like:
NVF (one) = (34), NVF (two) = 58, NVF (three) = 56, NVF (four) = 60, NVF (five) = 42, and so on.
18. This will lead us to the values of feature of such sequential words (as formulations).
19. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of sequential features like the above and same will further lead to insight and enlightenment.
20. One shall compile one's on NVFs dictionary.
21. In this dictionary one shall make entries one's on comprehension the emerging mathematics domain of NVFs. ■

3 TCV

1. Vedic systems associate numbers values with the Devnagri alphabet letters.
2. There are many such systems and one of the system is that vowel 1 to 9 be associated number 1 to 9.
3. Further 5x5 varge consonants to be associated numbers values as follow:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9
4. Still further four antstha letters and four ushmana letters are associated numbers values:

1	3	5	7
2	3	6	9

5. Still further, 9 yama letters are associated numbers values (9, 10, 11, 12, 13, 14, 15, 16).
6. These numbers values of Devnagri alphabet letters are designated as, transcendental code values formats (TCVs).
7. TCV value of a word availing letters of Devnagri alphabet makes its own TCV value as summation of TCVs values of its own letters.
8. One shall compile one's own dictionary of TCV values.

■

4

NVFs and TCVs dictionary

1. These two dictionaries will become the source value scriptures for the sadhkas.
2. It may be said that the intellectual growth of sadhkas is parallel to the richness of these 2 dictionaries of the sadhkas.
3. One shall continuously update one's dictionaries. ■

MANIFESTATIONS AND TRANSCENDENCES

CONTENTS

1. Manifestations and transcendences
2. Manifestation layers and transcendental ranges
3. Split of self-referral ranges into a Pair of transcendental ranges
4. Sequence of strings of numbers values
5. Framed domains and their binding strings

MANIFESTATIONS AND TRANSCENDENCES

1

MANIFESTATIONS AND TRANSCENDENCES

1. Manifestation conceptually means creation along the manifestation format of creator's the space.
2. Creator's space is a real 4-space.
3. Real 4-space is of a spatial dimensional order.
4. Dimensional frame of 4-space is constituted by quadruple spatial dimensions.
5. These quadruples spatial dimensions manifest themselves within a square (2-space body/surface) as a synthetic set up of quadruple quarter squares.
6. Vedic system approaches it as Swastik.
7. Swastik is a quadruple frame of 4 quarter square within a square.
8. Each frame is a setup of a 2 dimensional frame of half dimensions.
9. One may have a pause and take note that in each of the 4 corner points of a square is embedded a 2 dimensional frame of half dimensions.
10. Within a square, each of the quarter square, in terms of its frame, connects with the centre of square and with a corner point of a square. Such quardination is available for all the frames of the four quarter square of a square.
11. One may have pause here and take note that the centre of the square become the meeting point of one of the limb (dimensions) of 4 frames of 4 quarter squares.
12. One may have pause here and take note that this organization, as it is, that way makes each of the corner point of a square as a set up of print out of 3 dimensional frames of half dimensions.
13. Pair of such dimensions are of placement along the pair of edges of square meeting at the corner point of the square and the third dimension remain in manifest form along the format of the diagonal connect centre of the square with the concert corner point.
14. This, as it is, amount to re-organization for the frame of the square as that it four boundary lines make a set of 8 half boundary lines.
15. The pair of diagonal of a square gives rise to quadruple half diagonals.
16. This way the emerging 12 (half lines), with their arrangement as quadruple triples of half lines.
17. These quadruple triples of half lines constitute setups of triples dimensions of triple dimensional frames of half dimensions with origins at corner points of the square.
18. One shall sit comfortably and permit the transcending mind to continuously remain in Trans to and glimpse and imbibe the features and values of above organizational arrangements of Swastik.

19. One may further have pause here and take note that within 3-space, surface/square has a pair of faces.
20. Along both faces emerge organization arrangement of the format of a Swastik but both these arrangements would be of opposite orientations.
21. One may have pause here and permit the transcending mind to glimpse and imbibe above organization arrangement for both faces of a square as an integrated and compactified organization.
22. Further, as that, by putting both organizational arrangements of a pair of faces in a dynamic state, as per their orientations, a churning will take place at centre of square. And, as a result their off, their will happen a transcendence phenomenon. Whereby, there would emerge, a solid dimensional order which will get superimposed upon a spatial order. And as a result their off, the compactification of origins at the centre will start unfolding. As a result of which, both faces of a square, as well get segregated. Further, as a conscious their of, and a result of transcendence through manifestation, the manifestation format of creator's space will transit and transform into a transcendental format of real 5-space.
23. One shall have a pause here and to revisit above transition and transformation because of transcendence happening due to churning at the centre, as a result of dynamic state for the pair of Swastik organization along both faces of the square.
24. The transition and transformation from manifestation format to transcendental format is a transition and transformation from spatial order to solid order.
25. This transition and transformation from spatial order to solid order takes us from creator's space to transcendental domain within creator's space.
26. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of this phenomenon of emergence of transcendental domain within creator's space.
27. This reach from spatial order 4-space format for manifestation into solid order transcendental domain format deserves to be comprehended and imbibed thoroughly to acquire proper insight and to attain appropriate enlightenment about this phenomenon of churning at centre of the square.
28. One shall sit comfortably and permit the transcending mind to glimpse that this churning at center of circle takes us to centre of cube.
29. And as a step head, the churning at centre of cube shall be leading to creator's space again.
30. It is this reach of churning at the centre of the square which deserves to be visited time and again.
31. As that, it is with imbibing of these values that one shall be perfecting one's intelligence as to the happening of transcendence through the manifestation creations.
32. Vedic systems work out this phenomenon.
33. It makes bases base mathematics for the discipline of Vedic Mathematics, Science & Technology.
34. It makes a cyclic unit.

35. Within creator's space, initiation takes place at centre of its spatial order, and sequential it takes back to creator's space itself of a transcendental origin.



2

MANIFESTATION LAYERS AND TRANSCENDENTAL RANGES

1. Manifestation layer is four folds layer.
2. These four folds are the setup of space contents of four constitutive dimensional spaces in constitutive roles of dimension, boundary, domain and origin.
3. Parallel to conicutive 4 dimensional space are the four constitutive numbers (n-2, n-1, n, n+1).
4. Manifestation layer is a set up of 4 constitutive dimensional space and transcendental range is a setup of 5 constitutive dimensional spaces.
5. Parallel to them are numbers values strings of 4 constrictive numbers and 5 constitute number respectively.
6. A string of 5 steps long constitutive values number formats a pair of strings of 4 step long constitutive number values.
7. Illustratively a 5 steps long numbers values string (1, 2, 3, 4, 5) formats a pairs of string of 4 step long numbers values (1, 2, 3, 4) and (2, 3, 4, 5).
8. This bring to focus that the pair of 4 steps long string (1, 2, 3, 4) and (2, 3, 4, 5), lead to summation values pair (10, 14) with the grand summation value (10+14 = 24).
9. However the summation value of 5 steps long values string (1, 2, 3, 4, and 5) is (1+2+3+4+5 = 15).
10. The difference value is (24-15 = 9).
11. One shall have a pause here and have a fresh look at a value triple (9, 15, and 24).
12. Further one shall also have a fresh look at values triple (10, 14, and 15). These values triples pair deserve to be properly chased to have upper appreciation of the formatting of a pair of strings of 4 steps long constitute numbers values along the 5 step long range of 5 constitutive steps of numbers values.
13. Parallel to it is the phenomenon of a split of a transcendental range into a pair of manifestation layers.



3

SPLIT OF SELF-REFERRAL RANGE INTO A PAIR OF TRANSCENDENTAL RANGES

1. As transcendental range split into a pair of manifestation layers, a step head, a self-referral range splits into a pair of transcendental ranges.
2. Illustratively self-referral range (1,2,3,4,5,6) splits into a pair of transcendental ranges (1,2,3,4,5) and (2,3,4,5,6).
3. Self-referral range (1,2,3,4,5,6) leads to summation value 21 while pair of transcendental ranges (1,2,3,4,5 and (2,3,4,5,6) lead to a pair of values (15,20) of grand summation value $15+20 = 35$.
4. It would be a blissful to glimpse a pairs of values triples (15, 20, and 21) and (15, 20, 35).
5. It would be a blissful to take note that as a step head there would be split of seven steps long unity range into a pair of self-referral ranges.
6. At the sequential phenomenon to continue and ad-infinitum.

■

4

SEQUENCE OF STRINGS OF NUMBERS VALUES

1. String (n) may be defined as an n step long range of numbers values (1, 2, 3, 4 ... n).
2. The sequence of string (n) for all values of n, deserves to be chased parallel to Sathapatya measuring rods synthesized by hyper cubes 1 to n.
3. It would be a blissful to take note that n space domain accepts Sathapatya measuring rod synthesized by hyper cubes 1 to n.
4. Number value n also takes us through n steps along the string (n).
5. With it string (n) becomes the binding string of n space domain.

■

5

FRAMED DOMAINS AND THEIR BINDING STRINGS

1. It would be a blissful to visit framed domain of hypercube n bound by string (n).
2. One may have pause here and take note that (n+1) space plays the role of origin of n-space.
3. As (n+1) space plays the role of origin of n space, as such, origin of n space is bound by string (n+1).
4. This features framed domain deserves to be chased well for it's though comprehension.
5. The sequence of strings on their chase will help us follow the sequential extension phenomenon of manifested creations with transcendence permissible at the origin fold.

6. This sequential reach at base fold, as a step head will attain sequential reach at the format fold, and so on.
7. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of this phenomenon. ■

ADVANCEMENT OF VEDIC MATHEMATICS

Respected James and Swati with regards

1. I am thankful for your email sharing your big **incentive** for the advancement of Vedic Mathematics.
2. The projects **conceived** and outlined in the email are of great insight.
3. Projects numbers 5, 6 and 7 interest me more.
4. I have devoted sometime to structure text books for class IX, X, XI and XII sequentially focusing upon bases base Vedic Mathematics of 3, 4, 5 and 6-space respectively.
5. I feel that existing **insistence** upon linear order needs timely transcendence into spatial, solid and creative orders.
6. It would be my **privilege** to **iniciate** this project with your team.
7. Binary system (project 6) has been my mutely worked out in Pingala Vedanga and Chandigayo Upanishad. I have some insight of these systems, which can be shared with yours **scholars**.
8. Original Research (project no 7) under institutional **patronage** would be an **encouragement**. If possible, kindly put me in communication with key person(s) of your team to take further steps.
9. Once again, I am highly thankful for the kind **gesture** of sharing a blissful **inictive** for advancement of Vedic Mathematics on your part.

Date
12-4-17

Dr.S.K.Kapoor
(*Ved-Ratan*)

GANITA SUTRA 11

CONTENT

1. Placement
2. Letters availed
3. Range of independent letters
4. Individual independent letters
5. Pair of formulations
6. Vyashti and samashtih
7. Static and dynamic state domains
8. Shift from linear order to solid order
9. TCV (Ek) = TCV (Triya)
10. Blissful exercise
11. Number value 11
12. Formulation akash
13. Punch mahabhut and atam tattv
 - (I) formulation
 - (II) punch mahabhut
 - (III) attam tattv
 - (IV) number value 17

1

PLACEMENT

1. Placement wise, Ganita Sutra 11 is of eleventh sequential placement of the range of 1 to 16 steps of the ranges of text of Ganita Sutras 1 to 16.
2. As such, number value 11 has its own role to play in the organization format features, values, virtues and order of the mathematical domain of Ganita Sutra 11.



2

LETTER AVAILED

1. Text of Ganita Sutra 11 is of the range of fourteen letters.
2. Of these only 9 are independent letters.
3. Letters 'VA, SA and MA, as well as:' are occurring only once.
4. The letters 'E, SH and TA' occur twice.

5. First vowel 'A' occurs thrice.
6. This frequency feature deserves to be comprehended well.
7. One letter is of triple frequency.
8. Three letters are of double frequency, and
9. Five letters are of single frequency.
10. One may have pause here and take note that the frequency are of values triple (3, 2, and 1).
11. Frequency wise grouping of letter is as (1, 4, and 5).
12. As such this organizational feature of the text of Ganita Sutra 1 also deserves proper comprehension. ■

3

RANGE OF INDEPENDENT LETTERS

1. Text of Ganita Sutra 11 is of the range of 14 letters of which independent letters are only 9.
2. One may have pause here and take note that $9 = (2+3+4)$, while $14 = (2+3+4+5)$.
3. One may have further have a pause here and take note that the difference of synthetic value of quadruple, linear dimensions and quadruple spatial dimensions is '2'.
4. Further, the difference of synthesis value of 5 linear dimensions and 5 spatial dimensions is '5'.
5. The difference of synthesis value of 6 linear dimensions and of 6 spatial dimensions is '9'.
6. Still further, the difference of 7 linear dimensions and of 7 spatial dimensions is '14'. ■

4

INDIVIDUAL INDEPENDENT LETTERS

1. There are 9 independent letters.
2. Of these, one is a yama letter (:/visarjaniya).
3. This yama letter is the 5th yama letter and it accepts transcendental code value '13'.
4. There are two vowel, namely first vowel and second vowel.
5. First vowel accepts transcendental code value '1'.
6. Geometric format of first vowel is of a dimensional frame of 1-space which is a setup of a single dimension of negative dimensional order.
7. The second vowel accepts transcendental code value '2'.
8. The geometric format of second vowel is a two dimensional frame of a pair of dimensions of zero order.
9. There are two Vargas consonants namely first letter of third row and fifth letter of the fifth row.
10. The first letter of third row accepts transcendental code value and its geometric format is of 3-space in the role of dimensions.

11. The fifth letters of fifth rows accepts transcendental code value 9 and a geometric format of 9-space as base fold of solid order transcendence range.
12. There are two antstha letters, namely, fourth and first letters of this range of four antstha letters.
13. The fourth antstha letters accepts transcendental code value 7 and a geometric format of 7-space in the role of boundary of hypercube 8.
14. The first antstha letter accepts transcendental code value 1 and geometric format of 1-space in the role of boundary of 2-space.
15. There are two ushmana letters namely second and third of the range of four ushmana letters.
16. The first ushmana letter accepts transcendental code value 3 and a geometric format of transcendental ascendance of solid order from the base fold through spatial origin into linear order 3-space domain.
17. The third ushmana letters accepts transcendental code value 6 and geometric format of transcendental ascendance of self-referral order through the transcendental order into the creative dimensional domain.
18. One shall sit comfortably and permit the transcending mind to glimpse above format features of individual letter availed by the text of Ganita Sutra 11.



5

PAIR OF FORMULATIONS

1. Text of Ganita Sutra is a composition of pair of formulations. (I) *vyashti*, and (II) *samashtih*.
2. The first formulation namely vyashti is a composition of 6 letters.
3. The second formulation samashtih is a composition of 8 letters.
4. One shall have a pause here and permit the transcending mind to glimpse and imbibe the format features and values of pairs of numbers (6, 8).
5. One may have pause here and take note that values pair (6, 8) is parallel to 6 boundary component of 3-space and 8 boundary component of 4-space.
6. This enveloping feature of 3-space and 4-space respectively will help us comprehend and to approach pair of formulations accepting working format of specific and general role of 3-space format and of 4-space format.
7. It will also help us comprehend these formulations restricting and generalizing themselves as part and whole.
8. It would further help us the applied feature of distinguishing feature of 'boundary fold and domain fold'.
9. One may have pause here and take note that 2-space plays the role of boundary of 3-space and 3-space plays the role of boundary of 4-space.

10. It would be relevant to take note that 'boundary fold, domain fold' format is parallel 'domain fold, origin fold' format.



6

VYASHTI AND SAMASHTIH

1. Vyashti /specific/part / particular / restrictive role / constituent, in reference to vyashti / general / whole / in full expression, take us to the setups like 'cube within a cube', 'hypercube 4 within hypercube 4', 'transcendental domain within a transcendental domain', and so on,
2. It further take us to structural phenomenon where in the constituent is fulfilled with the whole structure.
3. It is like each point of the cube being full of the whole of cube.
4. One may have pause here and take note that cube within a cube, as such shall be taking us to be a set up of solid dimensional order '3-space in the role of dimension' as comparison of the outer cube itself being of a linear order '1-space in the role of dimension of 3-space'.
5. One may have pause here and take note that is shall be taking us as that linear order cube while accepts solid order cube as a cube within a cube, the same amounts to simultaneous existence of static dynamic state for 3-space domain.



7

STATIC AND DYNAMIC STATE DOMAINS

1. The format of cube as hypercube 3 is of 4 folds (1-space as dimension, 2-space boundary, 3-space domain, 4-space origin).
2. Four folds manifestation layer (1, 2, 3, and 4) with $(1+4) = 5 = (2+3)$ will help us comprehend a format of concentric pair of circle organization.
3. This brings to focus, external and internal organization arrangements.
4. Let us a have a pause here and have a fresh visit to a set up of cube.
5. Firstly let us approach cube as 3-space domain within a 3 dimensional frames of 3 linear dimensions.
6. Secondly we shall approach again 3-space domain with a 3 dimensional frame of 3 spatial dimensions.

7. The cut of 3-space into 8 octants and parallel to it a cut of cube into 8 sub cubes with innermost corner points of all the eight sub cubes having a common placement at centre of the
8. Cube being the seat of origin of 3-space, helps us to comprehend and imbibe the internal structure of 3-space domain accepting a 3 dimensional frame of 3 spatial dimensions.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above features and to acquire proper insight and appropriate enlightenment about the mathematical domain of Ganita Sutra 11. ■

8

SHIFT FROM LINEAR ORDER TO SOLID ORDER

1. A shift from linear order to solid order is a transcendental phenomenon.
2. Linear order domain with spatial order origin has solid order base.
3. The linear order setup and solid order setup is segregated by a spatial order setup.
4. The reach back from solid order base (fold) to linear order domain, is to be through spatial order origin.
5. This happen as transcendence phenomenon.
6. Transcendence phenomenon is of two folds features.
7. First, a reach from linear order domain through spatial order origin into solid order base.
8. Second, a reach from solid order base through spatial order origin into linear order domain.
9. Along values triples (1, 2, 3), the reach is of a pair of steps:
 - a. $1+3 = 2+2$
 - b. $3+1 = 2+2$
10. One may have paused here that while case of values pairs (1, 3) and (3, 1) the orientations marks their presence glairing.
11. While in case of values pairs (2, 2) and (2, 2), parallel to distinction of orientations is in unmanifest form, while infect it is there.
12. One may have pause here and take note that $0 = -0 = +0$ is one feature, which may help us the above situation of manifest going un-manifest.
13. Further $(2+2) = (2 \times 2) = (-2) \times (-2)$, will also help us comprehend and appreciate as to how the pair of orientations gets superimposed upon each other and in the process manifests gets in a disguised state.
14. It is this feature for whose reversal is the Ganita Upsutra 11: (lopna-sthapanabhya).
15. Further the parallel situation is of: $(0+0) = (0 \times 0) = (-0) \times (-0)$.

16. However in the above pair of situation (I) $(2+2) = (2 \times 2) = (-2) \times (-2)$ and (II) $0+0 = 0 \times 0 = (-0) \times (-0)$, the basic difference is the while in the first case the feature are of four space, while in the second situation the feature are of 0-space.
17. One may have pause here and take note that 0-space is at dimension of dimension level, in reference to 4-space domain, while the inter wining dimension stage is of 2-space and it accepts organization as $2^4 = 4^2$.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans in to glimpse and imbibe the feature and values of above organization and quardination. ■

9

TCV (EK) = TCV (TRIYA)

1. Numbers values 1 and 3 as formulations '*Ek* and *Triya*' accepts transcendental code value 8 each.
2. Number value 2 as formulation '*Dvaya*' accepts transcendental code value 16.
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans in to glimpse and imbibe the feature and value of above organization and quardination $8+8 = 16$.
4. This will also give us insight of values formats of Ganita Sutra 4 as well. ■

10

BLISSFUL EXERCISE

1. It would be a blissful exercise to visit and revisit the mathematical domain Ganita Sutra 11 as per its placement in the sequential organization of Ganita Sutras mathematical domain, on the whole. ■

11

NUMBER VALUE 11

1. Number value 11 deserves to be chased.
2. Amongst other following of the glaring feature of number value 11:
 - (I) $11 = 10+01$, the values pair $(10+01)$ constitutes a reflection pair of double digit numbers.

- (II) (11, 9) constitute a format of (11-space as domain and 9-space as dimension, and further as that 9x11 grids accommodate all the 99 double digit numbers of 10 place value system.
- (III) 5-space accepts 11 geometric range and parallel to it, there are 11 versions of hypercube 5.
- (IV) The values sequence (... -46, -35, -24, -13, -2, 9, 20, 31, 42, 53, 64 ...) is parallel to synthesis values of transcendental ranges of all orders.
3. It would be a blissful to visit and glimpse values of 11 and parallel to it to tabulate the formulation of transcendental code value 11.
 4. It would be a blissful to take note that formulation '*ashta*' (8) accepts transcendental code value 11. ■

12

FORMULATION AKASH

1. Formulation 'Akash' accepts transcendental code value '8'.
2. Formulation 'Ek' also accepts transcendental code value '8'.
3. Formulation Ashta '8' accepts transcendental code value '11'.
4. Number value '11' permits re-organization as $11 = 3+5+3$.
5. $(3, 3) = 5$ is the dimensional synthesis value equation of a pair of solids dimension as transcendental domain.
6. These features bring us face to face with the existence phenomenon of cube within cube, with internal cube being of a re-manifested state for the linear order 3-space domain, on its dynamic state creating solid order domain.
7. It is here where, taking outer start with cube as cube-1, the same makes the internal cube as cube-2, and a step head cube within the internal cube will takes us to the phenomenon of transcendental domain (as an acceleration stage of dynamic state 3-space domain).
8. A reach from 1-space to 3-space for the start with cube-1, will transits into 3-space leading to 5-space as the format for cube within a cube (cube-2).
9. A step head, the cube within internal cube (cube-3) shall be taking form 5-space to 7-space setup.
10. 7-space as dimension shall be creating 4 folds manifestation layer (7, 8, 9, 10) of hypercube 9.
11. One may have pause here and take note that $(7+8+9+10) = 34$ is a Brahman state (9-space domain) reach of unity state dimensional order (7-space as dimension of 9-space).
12. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and glimpse and imbibe this transcendental phenomenon of 'Atam-Tattv' within the Panchbhut universe. ■

PANCH MAHABHUT AND ATAM-TATTV

I FORMULATIONS

1. Punch Mahabhut and Atam-Tattv are a pairs of formulations.
2. Punch Mahabhut formulation is a composition of a pair of sub formulation, namely (I) Punch and (II) Mahabhut.
3. Formulation Atam-Tattv as well is a composition of a pair of sub formulation (I) Atama and (II) Tattv.
4. First sub formulation 'Punch' means 'five' and it has transcendental code value '15'.
5. The second sub formulation 'Mahabhut' accepts transcendental code value $21 + 19 = 40$.
6. Third sub formulation 'Atama' accepts transcendental code value '17'.
7. Fourth sub formulation 'Tattv' accepts transcendental code value '21'.



II PUNCH MAHABHUT

1. Punch Mahabhut means 'five elements namely earth, water, fire, air and space'.
2. 5-space is a solid order space.
3. Dimensional frame of 5-space is a set of 5 solid dimensions.
4. 5 solid dimensions lead to value $5 \times 3 = 15$.
5. 5-space domain is framed, firstly by a solid dimensional frame of 5 dimensions and secondly by a creative boundary of ten components.
6. The creative boundary of 5-space is a set of 10 components which accepts co-ordination in terms of $10 \times 4 = 40$ co-ordinates.
7. One may have pause here and take note that number value 40 accepts quardination as $40 = 19 + 21$.
8. Values pair (19, 21) is parallel to format of dimensions, domain format.
9. Further 19×21 grid quardinate all the 399 number of double digit numbers of 20 place value systems.

10. One may have pause here and take note that Punch Mahabhut is parallel to the two fold framing of 5-space domain firstly in term of a solid order dimensional frame and secondly in terms of a spatial order creative boundary.
11. One shall visit and revisit these organizational arrangements of 5-space domain as a framed domain.
12. The transcendental code value of formulation 'Punch Mahabhut' is '55'.
13. NVF (sky) = 55.
14. Further as that the organization of double digit of ten place value system along 9x11 grid split the grid into upper and lower part and the mirror line of the upper part is (11, 22, 33, 44) while mirror line of lower part is (55, 66, 77, 88, 99).
15. One may have pause here and permit the transcending mind to glimpse and imbibe the format feature and values of above organization and format features and values of formulation Punch Mahabhut. ■

III ATTAM TATTV

1. The formulation 'Atam Tattv' accepts transcendental code value '37'.
2. Formulation 'Atama' accepts transcendental code value '17'.
3. Formulation 'Tattv' accepts transcendental code value '21'.
4. Summation value $(17+21) = 38 = 37+1$, as such bring us face to face with the format features of Atama and Atam Tattv.
5. It would be a blissful to take note that quadruples (34, 35, 36, 37) is parallel to four folds manifestation layer of hypercube 36.
6. Further as that number value 34 permits re-organization as $34 = (7+8+9+10)$ which is parallel to four folds manifestation layer (7, 8, 9, 10) of hypercube 9.
7. Further as that $7+10 = 8+9 = 17$.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the values of above format features. ■

IV NUMBER VALUE 17

1. Number value 17 is parallel to transcendental code value of formulation Atama.
2. Number value 19 is parallel to transcendental code value of formulation Bhut.
3. Number value 21 is parallel to transcendental code value of formulation Maha.
4. Number value 15 is parallel to transcendental code value of formulation Punch.
5. Formulation Punch Bhut accepts transcendental code value $15+19 = 34 = 17+17 = (7+10) + (8+9)$.
6. It would be a blissful exercise to chase quadruple values (15, 17, 19, 21).
7. One may have pause here and take note that $15 = (2 \times 7 + 1)$ is parallel to 15 geometries range of hypercube 7 which is further parallel to 15 versions of hypercube 7.
8. Number value 17 is parallel to 17 geometries of 8-space which is further parallel to 17 versions of hypercube 8.
9. Value 19 is parallel to 19 geometries of 9-space which is further parallel to 19 geometries of hypercube 9.
10. Value 21 is parallel to 21 geometries of 10-space, which is further parallel to 21 versions of hypercube 10.
11. This takes us to setup of quadruples space (7-space, 8-space, 9-space, 10space).
12. This further takes us to quadruple manifestation layer (7, 8, 9, 10) of hypercube9 of summation value $(7+8+9+10) = 34$.
13. One may have pause here and take note that hypercube 9 with 7-space in the role of dimension makes an organization of internal and external setups of value 17 each.
14. One shall sit comfortably and to glimpse this phenomenon.
15. It would be blissful to take note that $(7, 7) = 9$ and $(-9, -9) = -7$ are the features which become the bases base feature of this organization.



GANITA SUTRA 13

CONTENT

1. Placement
2. Text of Ganita Sutra 13
3. Frequencies of occurrence
of independent letters
4. Triple formulation
5. First formulation
6. Second formulation
7. Third formulation
8. Sadhakas and Sadhana
9. Anant-Sahestra

PLACEMENT

1. Ganita Sutra 13 as thirteenth placement in the organization arrangement of Ganita Sutras 1 to 16.
2. Number value 13 is parallel to 13 geometries of 6-space.
3. Parallel to it, there are 13 versions of hypercube 6.
4. Still further, 12 edged cubes acquire 13th edge in 4-space domain towards a degree of freedom of motion along the 4th dimension.
5. Still further, number value 13 constitute a formats (11, 13) parallel to (dimension, domain) formats.
6. Still further, pairs (13, 15) also constitute a format parallel to (dimension, domain) formats.
7. One may have a pause here and take note that values triple (11, 13, and 15) is of the format feature of (dimension of dimension, dimension, and domain).
8. It would further be blissful to take note that $(11 \times 13 \times 15) = 2145$ brings to focus $21 = (1+2+3+4+5+6)$ while $45 = (1+2+3+4+5+6+7+8+9)$.
9. The values pair (21, 45) accepts re-organization as $(7 \times 3, 15 \times 3)$.
10. It would be a blissful to take note that (7×15) is parallel to the format feature of 7-space accepting 15 geometries range which is parallel to 15 versions of hypercube 7.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and imbibe above format feature which focus upon the placement value 13 in reference to Ganita Sutra 13.



TEXT OF GANITA SUTRA 13

1. Text of Ganita Sutra 13 avails 20 letters.
2. Of these, 11 letters are independent letters.
3. This split of value $20 = 11+9$ bring us face to face with values pair (9, 11) which is parallel to format of (dimension, domain).
4. Still further, it would be parallel to take note grids 9×11 accommodate all 99 double digit numbers of ten place values system.
5. 11 independent letters get classified as (1 Ushmana letter, 2 Anthastha letters, 5 Varge consonants and 3 Vowels).
6. Sole Ushmana letter is of transcendental code value 3 and it is of the geometric format of upward transcendence of solid order through spatial order origin into a linear order domain.
7. Two Anthastha letters are of transcendental code values 1 and 7 and these are of geometric format of the roles of 1-space and 7-space as boundary folds of 2-space and 8-space respectively.

8. Five Varga consonants are first letter of 4 and 5 rows, third letter of 4 rows and 5th letter of 4th and 5th row.
9. One may have a pause here and take note that the above features bring us face to face with the choice of Varga consonant from only 4th and 5th rows.
10. The choice from 4ht is of 3 letters, beginning, middle and end letter of the 4th row.
11. However in respect of 5th the choice is of beginning and end letter.
12. Three vowels choice is as of first vowel, elongated first vowel and seventh vowel.
13. First vowel is of geometric format of 1 dimensional frame of single dimension of negative linear dimensional order.
14. 7th vowel is of geometric format of 7 dimensional frames of seven dimensions of transcendental dimensional order.
15. Elongated first vowel is of geometric format of a synthesized set up of a pair of negative linear order dimensions which synthesized as of synthesis value (1) bring us face to face with '2 as 1' measure.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and imbibe above format feature of the independent 11 letters availed for the text of Ganita Sutra 13.
17. One may have pause here and take note that Ganita Sutra 13 avails 20 letters in all and of these only 11 are independent and there by emerges a values triples (13, 11, and 9).
18. It would be blissful to take note that $(13 \times 11 \times 9) = 1287$.
19. Further as that $20 - 13 = 7$, take us face to face with values quadruples (13, 11, 9, and 7) which lead to product value 9009.
20. The organization of a paired pairs of double digit numbers (90, 09) is of a very blissful feature and value and seem further bring us to focus as that numbers of 4 digits can be very well handled as a paired pairs of double digit numbers.
12. With it, that way, the entire focus of the system of artifices of number is to remain focused upon single, double and triple digit numbers which means that even in infinity of infinity of numbers artifices can be worked out in term of artifices of numbers 0001 to 1000. ■

FREQUENCIES OF OCCUREANCE OF INDEPENDENT LETTER

1. The following table compiles frequencies of 11 independent letters of the text of Ganita Sutra 13.

S. R. No.	Letter	freque ncy	Total Frequency
1	1 st vowel	5	5
2	Elongated 1 st vowel	1	6
3	Seventh vowel	1	7
4	4 th row 1 st letter	2	9
5	4 th row 3 rd letter	1	10
6	4 th row 5 th letter	3	13
7	5 th row 1 st letter	1	14
8	5 th row 5 th letter	1	15
9	1 st anthastha letter	3	18
10	4 th anthastha letter	1	19
11	1 st ushmana letter	1	20

2. Independent 11 letters are of total frequency 20.
3. Independent 11 letters occur in (1, 2, 3, 5) frequencies.
4. Single frequency letters are 7.
5. Double frequency letters are 1.
6. Triple frequency letters are 2.
7. 5 fold frequency letters are 1.
8. The quadruple values (7, 1, 2, 1) get folded along triple value (1, 2, 7).
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and imbibe above format feature of the independent 11 letters availed for the text of Ganita Sutra 13 and there frequencies organization format. ■

TRIPLE FORMULATIONS

1. The text of Ganita Sutra 13 is a single formulation as a composition of three formulations; of which one formulation occur twice.

2. These three formulations are:
 - (I) Sopana
 - (II) Antya
 - (III) Dvaya
3. The above second formulation (Antya) is availed twice in the text of Ganita Sutra 13.
4. The simple English rendering for the first formulation (Sopana) is a complete domain of a rich face.
5. The simple English rendering for the second formulation (Antya) is an end rich value.
6. The simple English rendering for the third formulation means 'two/twice'.

5

FIRST FORMULATION

1. First formulation (Sopana).
2. This formulation avails six letters.
3. Transcendental code values of this range of letters is (3, 7, 5, 2, 8, and 1).
4. The summation value of above range of transcendental code values is $(3+7+5+2+8+1) = 26$.
5. The values pair (20, 26) is parallel to total letters of the text of Ganita Sutra 13 and to the transcendental code value of its basic formulation (Sopana).
6. This pair of values (20, 26) as transcendental code values pair (20, 26) takes us to formulation pairs (a) (Sthul) (mundane) and (b) Suksham (subtle) (bodies).
7. The value 20 and the chain of formulations accepting transcendental code value 20 with the principle formulations Ved, Dev, Sathul bring us face to face with the virtues of this value.
8. Value 20 is parallel to synthesis value of a pair of transcendence ranges (0, 1, 2, 3, 4) and (0, 1, 2, 3, 4) further bring us focus the role of 0-space in the dimensional order.
9. Further it also brings to focus the parallel summation values of a transcendence range (0, 1, 2, 3, 4) and of a manifestation layer (1, 2, 3, 4).
10. It would be blissful to take note that 0 order transcendence range and linear order manifestation layer lead to same value (10).
11. It will help us comprehend the transition from single digit value '1' and of a double digit value '01'.
12. Number value 26 is permitting re-organization as $26 = (5+6+7+8)$ which is parallel to a four folds manifestation layer (5, 6, 7, 8) of hypercube 7.
13. Still further this split of a four folds manifestation layer (5, 6, 7, 8) as triple manifestation layers (1, 2, 3, 4), (0, 1, 2, 3) and (1, 2, 3, 4) is a feature which deserves to be comprehended well.
14. The emergence of pair of manifestation layer (0, 1, 2, 3) and (1, 2, 3, 4) along the transcendence range (0, 1, 2, 3) is another feature which deserves to be comprehended well as its imbibing one shall acquire proper insight and appropriate enlightenment about split of a transcendence range into a manifestation layer.

6

SECOND FORMULATION

1. Second formulation 'Anta' accepts transcendental code value '14'.
2. Value 14 accepts re-organization code values as $14 = 2+3+4+5$, which is parallel to four folds manifestation layer (2, 3, 4, 5) of hypercube 4.
3. The combined transcendental code values of above first and second formulation together comes to be $26+14 = 40$ which is parallel to 40 quardinate fixation of creative boundary of ten components.
4. One may have pause here and take note that with it the reach comes to be for the full phases of expression up till it end.
5. It is a feature of 'domain' of manifestation of space content within the dimensional frame and as enveloped by a boundary fold. ■

7

THIRD FORMULATION

1. The formulation 'Dvaya' accepts transcendental code value 16.
2. It would be blissful to take note that the value pair (16, 14) is of (domain, dimension format).
3. One may have pause here and take note that the combined value $40+30 = 70$ is parallel to the split spectrum of domain at its fifth split steps, and otherwise being the sixth steps if the start with position as well as is taken as account.
4. One may have pause here and take note that domain split spectrum sequentially leads us to entities range (1, 2, 5, 12, 29, 70 ...).
5. With it, the processing steps incited with Ganita Sutra 1 and their reach up till Ganita Sutra 13 makes a processing systems are organization format features of a framed domain within a dimensional frame and enveloping boundary of components double than the number of dimensions and that way being equal to number of half dimensions.
6. This in reference to 6-space while on the one hand shall be leading to its 13 geometries range same on the other hand shall be leading to its creative dimensions (4-space as dimensions) being swapped by a 13 edged cube.
7. One shall sit comfortably and permit the transcending mind to continuously in prolonged sitting of Trans and to glimpse and imbibe the feature of this organization format of the domain fold of hyper cubes. ■

8

SADHAKAS SADHANA

1. Sadhakas Sadhana shall be of reach of the above organization format of a framed domain (6-space domain) permitting transcendence at its origin and parallel to at the origin of its all six creative dimensions.
2. It is this seven fold transcendence phenomenon, of 6 stream through the transcendental origin of creative dimensions and 7th stream of a transcendental dimensional order through origin of 6-space.
3. One shall up to date ones dictionary of NVF and TCV.
4. One shall include the entry of formulations Sadhakas and Sadhana.
5. In particular one shall specifically focus upon the sprit form of the letter 'SA'/second ushmana letter.
6. It would be blissful to comprehend script form of this letter parallel to the format of a 3 dimensional frame of half dimensions, as is embedded in the corner point of the cube.
7. While reaching at transcendental code value of this letter as 3. One shall visit it as $3 = (1/1+1+1) = (2/2+2/2+2/2)$.
8. It will help comprehend spatial order getting superimposed upon the linear order.
9. It will further help comprehend the internal structure of cube permitting chase in terms of a 3 dimensional frame of linear dimensions, as well as, in terms of 3 dimensional frames of spatial dimensions. ■

ANANT-SAHESTRA

1. Domains within domain on its visit will takes us face to face with even inner domain is also having domain within it.
2. Taking outmost domain as first stage setup, inner domain with it as the second stage setup and step head the domain with the inner domain the third setup will help glimpse a sequential reach infinitum.
3. It is going to be a step head of a spatial order set up.
4. Taking pairs of values (1, 2) and the sequential reach step head will not give us a single value third entity of this sequence.
5. One value emerging the third entity for the sequence for the first pair of entities of as values (1, 2) shall be taking us to first triple entities of triple value (1, 2, and 3).
6. Let us have a pause here.
7. The pair of values (1, 2) accepts re-organization as $(2^0, 2^1)$.
8. As such this pairs of values $(2^0, 2^1)$ shall be taking us to third entity 2^2 .
9. Let us again has a pause here.
10. The pair of values (1, 2) leads us to a pair of triple values (1, 2, 3) and (1, 2, 4).
11. To have a simultaneous coverage for above both values formats, the system naturally is to be of feature that will be of such a set up which will lead to a pair of solutions.
12. Vedic systems tame such situations by approaching in terms of framed domains.
13. Framed domains, simultaneously accepts to folds of frames, firstly as a dimensional frame and secondly as of an enveloping fold.
14. Let us again have a pause here.
15. For N dimensional space, boundary components are two N in number.
16. Simultaneously there are two N half dimensions.
17. As such, working with half dimensions and having a chase of the boundary as of components equal to a number of half dimensions, becomes a chase rule. This, that way, brings in $(1/2)$ as a working rule for the system having availability of a pair of measure (2 as 1 and 1 as 2).
18. This feature of a spatial order accepts a higher order origin (fold).
19. This brings in a synthesis for a pairs of dimensions of same order.
20. $(1, 1) = 3$, as a dimensional synthesis rule for a pair of linear dimensions leading to synthesis values (3), bring us face to face with the happening of transition and transformation from a spatial order to a solid order.
21. It is this feature and value which deserve to be comprehended well.
22. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe above features and values of transcendence from the linear order domain through spatial order origin for a reach at solid order base.
23. Solid order leads to a transcendental domain of hypercube 5, a four folds manifestation layers (3, 4, 5, and 6).

24. 3-space, as 3-space domain of hypercube 3, as a four folds manifestation layers (1, 2, 3, and 4); in their triple existence will leads us to a system where by the spatial order itself will transition and transform into a solid order.
25. The manifestation layer (1, 2, 3, 4) of summation value $(1+2+3+4) = 10$, and triple of them leading to the set up of value $(10 \times 10 \times 10) = 10^3$, bring to focus a feature of the system which deserve to be comprehended well and same to be full imbibed .
26. One may have pause here and take note that formulation Shahastra accepts simple English rendering thousand/1000.
27. The formulation Shahastra accepts transcendental code value '23'.
28. One may have pause here and take note that the formulation Anant also accepts transcendental code value '23'.
29. One may have pause here and take note that number value 23 accepts re-organization as $23 = (3+5+3 \times 5)$.
30. One may have pause here.
31. The value $(3+5+3 \times 5)$ is parallel to 5-space domain with its solid dimensional format framed within a solid dimensional frame of five solid dimensions.
32. This is the format feature of a transcendental domain framed within a solid dimensional frame in a dynamic state along a solid dimensional format.
33. One may have pause here and permit the transcending to continuously main in prolonged sitting of Trans to glimpse and imbibe the above value and features.
34. It bring to focus that the spatial order format of creator the space has of its own transit and transform into a solid order transcendental space.
35. With it, the system transcendence the restriction of the spatial order and gets moving ahead as a solid order and with it the artifices of numbers of the range 0001 to 1000.provide exhausted coverage of making the system itself.
36. One may have pause here.
37. The number triple (1, 2, 3) is the unique triple as that it is only this case that $(1+2+3) = (1 \times 2 \times 3) = (2+2+2) = 6$, a perfect number.
38. One may have pause here.
39. The last triple of nine numeral ranges brings us face to face with (7, 8, and 9) with summation value $(7+8+9) = 24$ and $(7 \times 8 \times 9) = 504$.
40. One may have pause here.
41. $1000 = (496 + 504)$.
42. The number value 496 is a third perfect number.
43. As such the difference value $(504 - 496) = 8$ with transcendental code value 8 being the transcendental code value of formulation 'Akash' (space), as well as of 'Ek' (1), and this value bring us face to face with the manifestation and de-manifestation of dimensional spaces within a space providing dimensional unit of value 8.
44. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and imbibe the value of mathematical domain of Ganita Sutra 13 parallel to the format features, values and order of the framed dimensional domains. ■

GANITA SUTRA 14

CONTENT

1. Placement
2. One less than before
3. Values pairs $(-1, +1)$
4. Values triples $(-1, 0, +1)$
5. Values quadruples $(-2, -1, 0, 1)$
and $(-1, 0, 1, 2)$
6. Opposite orientation
7. Vedic code value of Ganita Sutra 1
and Ganita Sutra 14
8. Manifestation and de-manifestation
9. Domain split spectrum
and dimensional synthesis
10. Blissful attainment

GANITA SUTRA 14

1

PLACEMENT

1. Ganita Sutra 14 is of 14th placement of the sequential arrangement of Ganita Sutras 1 to 16.
2. Number value 14 permits re-organization as $14 = (2+3+4+5)$, which is parallel to four folds manifestation layers (2, 3, 4, 5) of hypercube 4.
3. The difference value of synthesis of four linear dimensions and 4 spatial dimensions is 2.
4. Difference value synthesis of five linear dimensions and 5 spatial dimensions is $2+3$.
5. Difference value of synthesis of six linear dimensions and 6 spatial dimensions is $2+3+4$.
6. Difference value of synthesis of seven linear dimensions and 7 spatial dimensions is $2+3+4+5$.
7. Formulation 'Sapt' accepts simple English rendering seven/ '7'.
8. Transcendental code value of formulation Sapt is '14' which is parallel to the difference value of synthesis of 7 linear dimensions and 7 spatial dimensions.
9. One may have a pause here and to take note that hyper circle one to seven increase while hypercube 8 onwards decrease.
10. 3-space accepts 7 geometries range and parallel to it, there are seven version of cube and all the 8 corners point of cube sequentially coordinated in terms of only 7 edges of out of total 12 edges. ■

2

ONE LESS THAN BEFORE

1. The working rule of Ganita Sutra 14 is 'one less than before'.
2. Working rule of Ganita Sutra 1 is 'one more than before'.
3. Ganita Sutra 1 text avails 16 letters, while Ganita Sutra 14 text avails 17 letters.
4. One may have a pause here and to glimpse a reach from number value 16 to number value 17.
5. Further one shall reach from number value 17 to number value 16.
6. The formulation 'Adhik' accepts transcendental code value 11 while formulation 'New' accepts transcendental code value '23'.
7. One may have pause here and take note that the number value 23 accepts re-organization as $23 = 11+12$ and the difference value $12-11 = 1$.
8. One may have a pause here and to take note that the addition symbol (+) avails a pair of lines while the minus (-) accepts only a single line.
9. One shall sit comfortably and to glimpse and imbibe the above features and values in reference to Ganita Sutras 1 and 14 and their working rules. ■

3

VALUES PAIR (+1,-1)

1. Values pairs (+1, -1) leads to summation value 0 and difference value (2).
 2. One may have pause here and take note that (+1, -1) and (2, 0) both accepts format of (domain, dimension).
 3. One may have pause here and take note that while lines has a pair of orientations but they have interrelationship of (domain, dimension format).
 4. Further as that 0-space plays the role of dimensions of 2-space.
 5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe above features and values in relation to a mathematical domain of Ganita Sutra 1 and Ganita Sutra 14.
-

4

VALUES TRIPLES (-1, 0, +1)

1. The values triple (-1, 0, +1) and parallel to it spaces triple (-1-space, 0-space and 1-space) has consecutive triples space manifests as dimension, boundary and domain of hypercube 1.
 2. Simultaneously they also manifests as boundary, domain and origin of hypercube zero.
 3. One may have pause here and to glimpse the format features of hypercube zero and hypercube 1 to comprehend and appreciate different role of (-1) space and (+1) space.
-

5

VALUES QUADRUPLES (-2, -1, 0, 1) AND (-1, 0, 1, 2)

1. The transcendence range (-2, -1, 0, 1 and 2) leads to a pair of four folds manifestation layers (-2, -1, 0, 1) and (-1, 0, 1, 2).
2. One may have pause here and take note that values pair (-2, 2) is parallel to a pair of faces of a surface.

3. Further as that they are a format parallel to (-2) space as dimension fold and (+2) space as base fold.
4. One shall sit comfortably and to glimpse and imbibe above values and features.
■

6

OPPOSITE ORIENTATION FORMAT

1. Dimension, boundary, domain, origin, base, format, state, nature, Brahman and par Braham reach is first orientation.
2. Par Braham to Braham to nature to state to format to base to origin to domain to boundary to dimension is the second orientation.
3. Parallel to it are the format of 1-space to 10-space as first orientation, and 10-space to 1-space as another orientation.
4. Still further, hyper cube 1 to 10 is the first orientation and hypercube 10 to 1 is another orientation.
5. Still further linear order to Par Braham is the first orientation and par Braham to linear order is the another orientation.
6. Still further 1-space content to 10-space content is the first orientation and 10-space content to 1-space content is another orientation.
7. Still further 1-space domain to 10-space domain is the first orientation and 10-space domain to 1-space is another orientation.
8. Still further 1-space to 10-space in the role of dimension is the first orientation and 10-space to 1-space to dimension is the another orientation.
9. In general numbers value 1 to 10 is the first orientation and numbers values 10 to 1 is another orientation.
10. Still further numbers value 1 to 10 is the first orientation and number value (-1) to (-10) is another orientation.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to comprehend and imbibe the values of these formats features and values. ■

7

VEDIC CODES VALUES OF GANITA SUTRA 1 AND GANITA SUTRA 14

1. Text of Ganita Sutra 1 accepts Vedic code value 23.
2. Text of Ganita Sutra 14 accepts Vedic code value 14.
3. One may have pause here and take note that the number value 23 accepts re-organization as $23 = (3+5+3 \times 5)$ which is parallel to the value of dynamic state of solid order transcendental domain.
4. On the other hand, the dynamic state value for linear order 3-space domain is $(1+3+1 \times 3) = 7$.
5. One may have a pause here and take note that formulation 'Sapt' means number value 7 while transcendental code value of formulation 'Sapt' is 14.
6. One may have pause here and take note that Vedic code value associate values with consonant only.

7. 'Vyanjan' formulation and 'Ardh-Matra' formulation accepts transcendental code value 29 each parallel to transcendental code value of formulation Brahma.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe above feature format and values.
9. One may have a pause here and take note that Lord Brahm is the presiding deity of real 4-space of spatial order whose working unit is $(1/2)/\text{Ardh-Matra}/\text{half}$ as a measure. ■

8

MANIFESTATION AND DE-MANIFESTATION

1. The pairs of orientation of working rule of Ganita Sutra 1 and Ganita Sutra 14 help chase manifestation and de-manifestation.
2. One may have pause here and take note that space contents sequentially becomes (1-space content, 2-space content, 3-space contents ...).
3. The stripping of these restricting amount to de-manifestation of sequential manifestations of dimensional set ups. ■

9

DOMAIN SPLIT SPECTRUM AND DIMENSIONAL SYNTHESIS

1. Domain (n) split into a pair of domains (n-2), and in addition there 2 gets released domain (n-4) as a reverse process the pair of dimension of order (n-2) and the dimensional glue value (n-4) synthesis domain (n).
2. It would be blissful that $(n+n-2+n-2+n-4) = 4n-8 = 4(n-2)$, a set up of quadruple dimensions of order (n-2).
3. One may have pause here and take note that $n^2 = (n-2)^2+4+4+ (n-2)$.
4. One may have pause here and take note that this feature is parallel to the feature of a spatial order set up of an infinite sequence of infinite sequences. ■

10

BLISSFUL ATTAINMENT

1. The spatial order format reach is the blissful attainment of mathematical domain format of Ganita Sutra reach.
2. One shall sit comfortably and permit the transcending mind to glimpse and imbibe this reach of mathematical domain of Ganita Sutras.
3. It would be a blissful to chase attainment of Vedic Mathematics domain and of its system as of the values and virtues of Ganita Sutras 15 and 16, both being of

complementary and supplementary steps of mathematical processes of Vedic Mathematics of Ganita Sutras. ■

CONCEPTUAL COMPREHENSION HISTORY OF MODERN MATHEMATICS

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1. Modern mathematics period
2. Initially take off of modern mathematics
3. Ancient wisdom
4. Linear order vs spatial order
5. Let us revisit of modern mathematics
6. Creator's the space
7. Cube as hyper cube 3
8. Compactified ranges of 4 and higher spaces
9. Centre of cube
10. 9th sub cube of cube
11. Organizational format of shakala rig ved samitha

CONCEPTUAL COMPREHENSION HISTORY OF MODERN MATHEMATICS

1

MODERN MATHEMATICS PERIOD

1. One way to view the modern mathematics is the mathematics enveloped during last 500 years.
2. This cover the period 16th to 20th century.
3. Starting with the acceptance of challenge of classical mathematical problems and reach up till classification of groups, that way is one way to look at the conceptual comprehension of modern mathematics.
4. The lively mathematical values of bliss of modern mathematics deserve to be appreciated and to be imbibed parallel to the reach of ancient wisdom.
5. The ancient wisdom period to pre-Vedic period and a few century of post Vedic period.
6. The in between period of ancient wisdom at modern mathematics, may be designated as the classical period.
7. The classical period runs over many centuries.
8. The cutoff of ancient wisdom from the modern period naturally creates a big gap. One positive think, in the context is that the both, ancient mathematics and modern mathematics can well be appreciated in terms of their independent bases base values systems.
9. As such for compression, naturally both systems are to be first approached for glimpsing their misses base value and super structures build upon their, and it is only their after that attempt can be mate to have comparison their off.
10. This comparison may help complement and supplement the modern systems with the values of the ancient system, and of the another hand ancient system continuity of its sway may follow. ■

2

INITIAL TAKE OFF OF MODERN MATHEMATICS

1. Initial take off of modern mathematics is from the classical problems issues.
2. Numbers systems, geometries entities and algebraic equations, as such have been locked whose keys are no their in classical axioms and postulate.
3. Conformed with, this situation, modern mathematical approached classical mathematical problems and mathematical domain with a fresh approach cut off from the classical axioms and postulates.

4. The conceptually comprehension of modern mathematics, as such, naturally is to approached in light of initial take off of in the back ground of classical problems issue.
5. So incensing and having a reach up till classification of group as a sequential conceptual range of modern mathematical domain, is to be first phased and then same is to be revisited in the light of modern mathematical problems being phased with a concern as to where the modern axioms and postulate as well have gone wrong.
6. This will be a situation which will require a revisit to the ancient wisdom to glimpse and imbibe Vedic Mathematics values to have transcendence from the limitations of modern mathematics axioms and postulates. ■

3

ANCIENT WISDOM

1. The ancient wisdom values as these have reached us, take us to Shakala Rig-Ved Samitha the oldest scripture having reach us intact form its first syllable to its last 432000th syllable.
2. As such, Shakala Rig-Ved Samitha is the source reservoir of ancient wisdom values.
3. Vedic Mathematics values, as are manifestation as Shakala Rig-Ved Samitha text of 432000 syllables.
4. Make ancient wisdom mathematical domain.
5. With it, the conceptual history of mathematical values for its comparative studies for modern mathematics in reference to Vedic Mathematics there would be a need to visit and revisit of organization format of Shakala Rig-Ved Samitha and to index bases base value of axioms and postulates of Vedic Mathematics.
6. Further, in the light of emerging of axioms and postulates of Vedic Mathematics we have to proceed further to tabulate classified aspects of Vedic Mathematical domain.
7. The emerging sequential chain of Vedic Mathematical concepts will become the refers line for comparative conceptual line of modern mathematics.
8. It is this comparison which bring us to face to face with the conceptually bliss of ancient wisdom over and above at of modern mathematics comprehension. ■

4

LINEAR ORDER VS SPATIAL ORDER

1. One glaring distinguishes feature of modern mathematics conceptual comprehension and of Vedic Mathematics is of modern mathematics approach being of linear order while that of Vedic Mathematics is of spatial order.
2. Broadly, linear order limits itself as 3-space set up accepting '1 as 1' unit, while, or the other hand, spatial order take to 4-space with '2 as 1' and '1 as 2' with '1/2' as a working unit.

3. The modern mathematics problems are their because of its insistence and approach in term of linear order , and the answer for it is in transcendence from linear order to spatial order and it will amount to transition and transformation form 3-space set up to 4-space set up. ■

5

LET US REVISIT MODERN MATHEMATICS

1. Set with operators is the approach to mathematical values.
2. Elements and operators are a pair of start with concepts which together co-exists as a pair and as a pair of distinct features for set as a value.
3. This is not a particular values specific.
4. It is mint for values in its generality.
5. This as bases of working system, as such has no fixation for 'absolute value'.
6. That being so the focus goes back to classical conceptual reach of space, existence phenomenon mathematical domain, mathematics entities mathematics operation which absorbed classical mathematicians.
7. This as such, has recoiled back upon modern mathematics. And the result is before us.
8. Like classical mathematical its problems having no answer for its axioms and postulates, so is the feat of modern mathematics as of.
9. Every where continuous function not accepting derivative anywhere, like situation are conformating modern mathematics.
10. Hyper circle increase up till hyper circle 7 and decrease from hyper circle 8 is staring at the face of modern mathematical axioms and postulates.
11. It is mental state of liner order block which is at the base of this helplessness of linear thinkers.
12. It is only with transcendence from the linear order that the strangulation because of axioms of modern mathematics can be dissolved with transition and transformation from linear order to spatial order. ■

6

CREATOR'S THE SPACE

1. Ancient wisdom enlightenment is that spatial order 4-space is creator's the space.
2. Whole ranges of creation within our space are of manifestation format and same permits transcendence.

3. It is this value whose comprehension and imbibing is going to be the requirement of a take off for the modern mathematics to go parallel to ancient wisdom conceptual format of Vedic Mathematics domain and its systems.



CUBE AS HYPERCUBE 3

1. Cube as 3 space body being approach in terms of a 3 dimensional frame of linear dimensions gives us a set of features has are being reached by as modern mathematics.
2. Spatial order approach leads us to set up of cube as hypercube 3, a 4 folds manifestation layers (1, 2, 3, 4) / 1-space as dimensions, 2-space as boundary, 3-space as domain, 4-space as origin permitting transcendence and origin and their by, their being at reach at solid order base.
3. One may have a pause here and to take note that the set of feature being worked out by modern mathematics are of much narrow scale than that of feature of this body being worked out by Vedic Mathematics.
4. 8 cubes leading to a cube and cube splitting into 8 sub cubes are two features which bring us face to face with the external and internal approach to the set up of a cube.
5. 8 cubes lead to $8 \times 27 = 216 = 6^3$ structural components while the split of a cube into 8 sub cubes lead to only $125 = 5^3$ structural components.
6. The difference value $6^3 - 5^3 = 91$ brings us face to face with the internal 'mirror' of value 91, parallel to 91 structural components set up.
7. This internal structural feature of cube, as such, is being missed by the modern mathematical systems.
8. It is this comprehension deficit which is compensated by Vedic system.
9. This conceptually comprehension difference of modern Vedic systems can be bridge only by approaching internal structural set up of cube by transiting from the set up of dimensional frame of triple linear dimensions to set up of a dimensional frame of triple spatial dimensions.
10. This transition and transformation for a 3 dimensional frame of linear dimensions into a 3 dimensional frame of 3 spatial dimensions is to be transcended.
11. This transcendence step shall be attaining transition and transformation from a linear order 3-space to spatial order 4-space.
12. One shall have a pause here and take note that space around us in which we are existence is not a 3 dimensional frame. This, infect is a compactified range of 4 and higher spaces. ■

COMPACTIFIED RANGE OF 4 AND HIGHER SPACES

1. One shall sit comfortably and to permit the transcending mind to comprehend the reality of space in which we are existing.
2. One way to approach this reality, by following the steps:
 - (I) Line is a track of a moving point.
 - (II) Surface is a track of moving line.
 - (III) Solid is a track of moving surface.

(IV) A step head, the moving solids marks the existence the higher dimensional format.

3. Interval as a body of 1-space has a pair of end points.
4. Square is a body of 2-space and it has 4 boundary line.
5. Cube is a body of 3-space and it has 6 surface.
6. A step head, hypercube 4 is a 4-space body and it has 8 solid boundary components.
7. One may have a pause here and take note that the existence of 4-space and 4-space body in continuity of 1, 2 and 3-spaces and 1, 2 and 3-space body is the reality which deserves to be comprehended and to be imbibed to have a mathematical reach to it.
8. Vedic systems excel over modern mathematics in its conceptually comprehension and chase of 4 and higher space reality while modern mathematics has un-necessary conditioned itself to 3-space as the ultimate reality.
9. This all as happen with modern mathematics only because of its insistence upon linear order (1-space in the role of dimension).
10. Location and role of 4-space in the set up of 3-space.
11. Location and role of 4-space in 3-space set up is as origin of 3-space, and parallel to it, and centre of its cube.
12. With it, centre of cube acquire dual state, firstly as a point of cube, secondly as a seat of 4-space in the role of origin fold of cube (hypercube 3).
13. It is this dual status of central of cube, which deserves to be revisited by us to comprehend and imbibe its values. ■

9

CENTRE OF CUBE

1. Centre of the cube is a point of the cube like any other point of cube but at the same time, centre of the cube is different then, all other point of the cube, as much as that centre is equi-distant from all the corner point of the cube while no other point of the cube has this feature.
2. Further as that the centre of the cube is the seat of inner most corner point of all the eight sub cubes of a cube.
3. It is this 8 points enveloping of centre and as a result, its fixation as a 9 point fixation, deserves to be comprehended well and to fully imbibed.
4. One may have pause here and take note that the split of each of 8 sub cubes into 8 sub-sub cubes leads to a set up of 64 sub-sub cubes and the inner most sub-sub cube of all the 8 sub cubes, becomes the 9th sub cube as it is of equal volume parallel to the volume either of 8 sub cubes.
5. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the feature and values of 9th sub cube. ■

10

9TH SUB CUBE OF CUBE

1. 9th sub cube of cube is a synthetic set up of 8 sub-sub cubes such that each of them is a sub-sub cube of distinct of sub cubes.
2. It is this feature and value of 9th sub cube, which distinguishes from all 8 sub cubes of a cube.
3. It would be a blissful to take note that each of 8 sub-sub cubes of a cube is a structural set up of 8 components and their by 9th sub cube becomes a set up of 64 structural components.
4. It is this feature of 9th sub cube which deserves to be comprehended well and to be thoroughly imbibed to acquire insight and enlightenment about the organizational format of Shakal Rig-Ved Samitha. ■

11

ORGANIZATIONAL FORMAT OF SHAKALA RIG VED SAMITHA

1. Shakala Rig Ved Samitha is a scripture of 10 Mandals, 8 Ashtaks, 64 Chapters, 85 Anuvaks, 1028 Sukata , 2024 Vargas, 10552 Richas and 432000 Syllables of which 34735 are un-manifest.
2. This organizational format takes us to creator's space of spatial order with transcendental origin of solid order, which itself of creative origin. ■

CONCEPTUAL RANGE OF VEDIC MATHEMATICS

CONTENTS

1. Comprehension of conceptual range
2. Organization format of shakala rig-Ved samitha
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CONCEPTUAL RANGE OF VEDIC MATHEMATICS

1

COMPREHENSION OF CONCEPTUAL RANGE

1. For comprehension of conceptual range of Vedic Mathematics we have to reach back organize Vedic knowledge as four Vedas organization.
2. From four Vedas organization, we have to reach single wholesome Ved.
3. Wholesome Ved is the reservoir of ancient wisdom.
4. This, that way, amounts to, first step reach up till Vedic knowledge organization as four Vedas, and as a second step to have a reach at ancient wisdom values reservoir of single wholesome Ved.
5. The first step reach is parallel to our existence phenomenon within frames and the second step reach is parallel to existence phenomenon within and without frame.
6. Vedic systems approach this two folds reach as (Triloki) and (Trimurti).
7. Triloki and Trimurti together make a virtue of values of Vedic system which transcend both, triloki, as such as, Trimurti.
8. This transcendence is a transition and transformation from framed domain in static state into dynamic state.
9. With it, there happen a reach within raise of the sun of transcendental carriers.
10. Transcendental carriers take up till orb of the sun, from where self-referral transcendental carrier takes over for attainment of reach up till Brahman domain, where Brahman carriers take over for Par-Brahman reach.
11. This as such settles the phases of comprehension of conceptual range of Vedic system and of Vedic Mathematical domain.



2

ORGANIZATION FORMAT OF SHAKALA RIG-VED SAMITHA

1. Shakala Rig-Ved Samitha organization format simultaneously avails ten Mandals and 8 Ashtaks values.
2. Values pairs (10, 8) is parallel to (10 creative components boundary of 5-space, 8 solid components boundary of 4-space).
3. Further, 10-space domain splits into a pair of 8-space domain and central organizational flow range stream value reservoir of 6-space domain.
4. One may have a pause here and take note that the quadruples values (10, 8, 8, 6) need to summation value $(10+8+8+6) = 32$, which accepts re-organization, firstly as $32 = 4 \times 8$, secondly as $32 = 2^5$.

5. One may have further have a pause here and take note that solid boundary of 8 components of 4-space accepts co-ordination in terms of $8 \times 4 = 32$ quardinates.
6. Still further as that, value 2^5 is parallel to 32 ways to reach at value 6 by choices from range (1, 2, 3, 4, 5, 6).
7. This way 4-space as dimension of 6-space and 5-space as transcendental origin of 4-space and 5-space as transcendental boundary of 6-space, bring to focus the organization format's feature's value's virtue's order.
8. One may have pause here and take note that values pair (10, 01) constitute a reflection pair of double digit numbers (of all place value system, and not only for 10 place value system).
9. One may have pause here and take note that values pairs (10, 01) is a reflection pair of artifices of double digit number of 10 place systems, as well as of 8 place value systems.
10. Further as that this bring in the mirror placement in between making artifices 10, 01 as object and image of each other.
11. This feature has that artifices of number 10, 01) has object, image of each other takes us to a pair of flow lines formats for Dia-Monad setups as of (10, 01) and of (01, 10).
12. This leads us to a tri-monad setup (10, 01, 10) of summation value $10+01+10 = 21$ which is parallel to 21 branches of rig-Ved.
13. Further $(10 \times 10 + 01 \times 01) = 101$ is parallel to 101 branch of Yajur Ved.
14. And further, $(10 \times 10 \times 10) = 1000$ are the branches of Samved.
15. One may have a pause here and take note that $10-01 = 9$ are the branches of Athraved.
16. $9+6 = 15 = 10 \times 3/2$ also become the transformed branch of Athraved.
17. One may have a pause here and take note that split of 1-space domain as a pair of domains (-1, -1), and the feature $1 \times 1 = (-1) \times (-1)$ which will help us comprehend and appreciate as that with a spatial order, the orientation gets absorbed.
18. As such, within 4-space, orientation gets absorbed.
19. Vedic system work out 4-space domain in terms of pair of units (2 as 1 and 1 as 2) which lead to $(1/2)$ as the working unit.
20. Likewise, solid order 5-space permit chase in terms of six fold units (3 as 1, 1 as 3, 3 as 2, 2 as 3, 1 as 2, 2 as 1) leading to $(1/3)$ as the working unit.
21. It would be a blissful to revisit (monad, tri-monad) set ups.
22. In this light, one shall focus upon the organization feature of shakala rig-Ved Samhita of 8 Ashtaks and 64 Adhiyayas. ■

3

ORGANIZATION FEATURE: 8, 8X8

1. To acquire insight and enlightenment about organization of rig-Ved samitha, one shall specifically revisit the values and virtues of 8, 8x8.

2. Value $8 \times 8 = 64$ bring to focus shift pair of digit (2, 8) for $8 \times 8 = 8^2$ to pair of digit (6, 4) as $8 \times 8 = 64$.
3. This pairing (8, 2) and (6, 4) for quadruple values (2, 4, 6, 8) of summation value $(2+4+6+8) = 20$ deserve to be imbibed well.
4. Here it would relevant to take note the synthesis value single double triple and quadruple dimensions of same order being quadruples values (n, n+2, 6, 12-2n) of summation value 20 is the feature which plays its prominently organization of knowledge of Ved.
5. One may have pause here and take note that $TCV (Ved) = 20$.
6. Further as that, $8 = 2^3$.
7. This is a reach as 2, 2×2 , $2 \times 2 \times 2$.
8. Further as that the first pair of steps (2, 2×2) will help us reach at value 8 by firstly reaching at a square 2×2 and then making it a cube $2 \times 2 \times 2$.
9. Still further as that, as hypercube n accepts $2n+1$ versions and as a set up n^3 (cubes) lead to $(2n+1)^3$ structural component as such $n = 10$ and the set of $10^3 = 1000$ cubes leading to 21^3 structural components and as Rig-Ved is having 21 branches, as such Vedic system successful chase whole some Ved as organized Ved availing artifices of numbers range 1 to 1000.
10. It would be relevant take note that $TCV (Shahtra) = TCV (Ananta)$ and simple English rendering for Shahtra is 1000 and simple English rendering Ananta is that transcends end and become endless. ■

BASES BASE MATHEMATICS

1. For reach at bases base mathematics, one value to be availed is that 1000 cubes lead to 21^3 structural components.
2. 1000 cubes lead to 8000 sub cubes.
3. 8000 sub cubes lead to 64000 sub-sub cubes.
4. A step ahead, 64000 cubes lead to 512000 further sub solid components.
5. Rig-Ved Samhita as 432000 syllables.
6. The difference $(512000-432000) = 80000 = (10 \times 8 \times 1000) = (10 \times 8 \times 8 \times 125)$, deserves to be chased.
7. One may have pause here and take note that $125 = 5^3$ is parallel to structural components of 8 cubes.
8. There for (8×125) would require set up of 1000 structural components to be supplied by $(8 \times 8) = 64$ cubes arrangements.
9. Further $(8 \times 8 \times 125)$ will require arrangement of 512 cubes.
10. 10 such arrangement of such 512 cubes set ups will go parallel to the above difference value of 80000.
11. Let us revisit above package of 125 structural components.
12. This package is parallel to a package of 8 cubes.
13. Such 8 packages will make a bundle.
14. 8 such bundles will make a block.
15. This is the difference block.
16. This difference block is to be dent and same is to be handling mathematically.
17. It is the bases base mathematics feature which comes into play to handle this difference block.
18. The other bases base mathematics features which will help reach at the un-manifest range of 34735 syllables of shakala rig-ved samitha.
19. One may have a pause here and take note that the split of 432000 syllables into 397265 manifest syllables and 34735 un-manifest syllables is also as per the synthesis features of 1000 cubes.
20. This feature $(432000) = (397265+34735)$.
21. On its revisit bring us face to face with following values:
 - (I) $34735 = 35000-265 = (5 \times 7 \times 1000 - 5 \times 53)$.
22. One may have pause here and take note that value 53 is parallel to synthesis value of a pair of solid order transcendental ranges $(3, 4, 5, 6, 7)$, $(3, 4, 5, 6, 7)$ which on synthesis lead to value $(3+4+5+6+7) + (3) + (3+4+5+6+7)$.
 - (II) (5×53) bring us face to face with such phenomenon of frequency 5, parallel to the set up of a solid dimensions frame of 5-space.
23. One may have further have a pause here and take note that along pentagon format it shall be leading us to the quardination of outer pentagon with the inner pentagon structured by 10 internal diagonals of the pentagon.
24. Further as that, the value 35000 accepts re-organization as $(35 \times 8 \times 125)$.

25. Let us have a pause here and take note that value 35 constitutes a reflection pair of value 53.
26. One may have pause here and take note that value (-35) is the synthesis value of a pair of transcendence ranges of negative transcendental order (negative 5-space) as dimensional order of (-3-space): (-5, -4, -3, -2, -1) (-5, -4, -3, -2, -1) leading to synthesis value $(-5)+(-4)+(-3)+(-2)+(-1)+1(-5)+(-5)+(-4)+(-3)+(-2)+(-1)=(-35)$.
27. One may have pause here and take note that this take us to opposite face of pentagon (surface).
28. As such 35000 will take to 1000 such pentagons.
29. Further it shall be taking us to the set up of 64 cubes, a bundle.
30. Now let us in this back ground, as fresh visit to value 432000.
31. Value 432000 permits re-organization as (18 x 24 x 1000).
32. It further leads us to $18 = (3+4+5+6)$ which is parallel to four folds manifestation layers of hypercube 5 within creator's space.
33. The solid boundary of 8 components of hypercube 4 accepts coordination of in term of $(8 \times 3) = 24$ components which also accepts as re-organization as (4×6) is parallel to value of dimensional frame of 6-space.
34. The value $1000 = (8 \times 125)$ is a bundle of structural components.
35. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of this organization format of bases base organization mathematics.



FURTHER FEATURE OF BASES BASE ORGANIZATION MATHEMATICS

1. Synthetic set up of cube as 8 sub cubes leads to structural components (27, 18, 18, 12, 18, 12, 12, 08).
2. 8th sub cubes is a set up of 8 structural components.
3. Further split of each sub cube into eight sub-sub cubes will make a set up of 64 sub-sub cubes.
4. Of these the inner most 8 sub-sub cubes with their inner most corner point as a placement of the centre of the cube will make a structural package of 64 components.
5. One may have a pause here and take note that of 64 sub-sub cubes, their innermost 8 sub-sub cube is a set up of 64 structural components.
6. One may have pause here and take note that the set up of cube as 8 sub cubes lead us to 8th sub cube as a set ups of 8 sub cubes.
7. A step ahead, 64 sub-sub cubes leads us to innermost 8 sub-sub cubes as a set of 64 structural components.

8. It would be a blissful to take note that, a step ahead further split for each sub-sub cube into 8 components will lead to a set up of 512 such components and the innermost 64 such components shall be leading to 512 structural components.
9. This brings to focus the bases base organization value. It is this value which is manifesting as Ganita Sutras and upsutras text.
10. One may have pause here and take note that the text of Ganita Sutras and upsutras avails 519 letters and 1 un-manifest letter and out of the same 8 of them (as part of text of Ganita Sutra 6) are in dormant state which that way leads to 512 lively syllable organization components.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans to glimpse and imbibe these values of bases base mathematics, Ganita Sutra and organization of Shakala Rig-Ved Samitha running parallel to each. ■

ORDERING RULE OF 'ONE MORE THAN BEFORE

1. Ganita Sutra 1 is the source sutra.
2. Ordering rule of Ganita Sutra 1 is of value 'one more than before'.
3. This rule is of very reach spectrum.
4. It is the bases base mathematics value.
5. It is the feature of bases base organization format.
6. The organization format of knowledge as well is governed by this rule.
7. The intelligence as well unfolds its sequential progression by this rule.
8. Manifestation of mental states as well as dissolutions of mental state by transcendence as well follows this rote.
9. Dimensional spaces as well manifest and dissolve as per the rule.
10. Lopanasathapanabhyam / going un-manifest and formatting surfacing manifestation as well follows this rule.
11. Even velokenam /glimpsing as well as per this ordering format.
12. The base increase (0, 1, 2, 3 ...) and increase an index as ($2^0, 2^1, 2^2, 2^3 \dots$) are the value of this very ordering principle.
13. One may have a pause here and take note that the reach at value n out of choices from (1, 2, 3, 4 N) is of frequency 2^n , and the underline role of this ordering principle is glaring visible here.
14. $2^0 = (0+1)$, $2^1 = (1+1)$, $2^2 = (3+1)$, $2^3 = (7+1)$, $2^4 = (15+1)$, $2^5 = (31+1)$, and so on deserve to be chases for the geometric format.
15. Reach from 0 to 1 is obviously as per the above ordering rule of one more than before.
16. Likewise a reach from 1 to $1+1 = 2$ as well is a natural application of above rule.
17. Now let us a have pause here and take note that a split of a square into a quadruple quarters squares and with the help of 3 such quarter squares, the fourth can be reach at even in the absence of fourth quarter square is the geometric format which deserve to be comprehend well for its appreciation and imbibing to acquire insight and to attain enlightenment of the geometric format of the above ordering rule.
18. A step ahead, the split of cube into 8 sub cubes and with the help of only seven of them, there be a fixation of 8 sub cube is geometric format value application of the above ordering principle.
19. With the repeated application of the above rule with the help of proportionality symmetry rule of Ganita sub sutra 1, one can reach at the central role of primes 3, 7 and 31 for the organizational format reach of perfect numbers (6, 28, 496).
20. Like that the parallel reach steps of artifices of number and dimensional frames become the essential virtues of bases base mathematical.



PARALLEL FORMAT OF ARTIFICES OF NUMBERS AND DIMENSIONAL FRAMES

1. For proper insight and appropriately enlightenment of bases base mathematics, one shall glimpse and imbibe complementary and supplementary nature of artifices of numbers and dimensional frame.
2. Parallel values of number 1 as of single artifices and 1-space of a single dimension dimensional frame and likewise number n and n -space being of equal number of artifices and dimensions is the feature which deserve to be chased in the light of the dimensional domain split spectrum values at each steps.
3. The first split step leads to a pair of dimensional domain of dimensional order of the start with domain permitting split as a pair of domain.
4. Illustriously 1-space (domain) split into a pair of domains of (1-space).
5. One may have pause here and take note that this in a way, in the process of split shift 2 degrees below than that of the start with domain being chased for its split.
6. N space (domain) leads to pair of domain ($n-2$).
7. As such the split phenomenon in the process also releases dimension of dimension ($n-4$ domain) and accordingly process of next step slides down 2 domains of order ($n-4$).
8. It in a ray means that the split process is of a reach up till the base fold for the start with domain (n) being of n order and the 5th fold of the transcendence range ($n-4$ order).
9. One may have pause here and take note that $n-4$ order) takes to n order base fold.
10. It is this, two folds reach from n space domain to ($n-4$) domain and vice versa from $n-4$ space domain to n domain, is the split feature which deserves to be comprehended well and same to be properly appreciated and imbibed to acquire proper insight and to attain appropriately enlightenment of the phenomenon.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to face to face with these mathematics base features to have an idea of conceptual ranges of Vedic Mathematics to comprehend to have its comparative evolution of in the back ground in the conceptual of modern mathematics.



**VEDIC MATHEMATICS TEACHER COURSE
(FOR MIDDLE CLASSES TEACHERS)**

CONTENTS

1. Initial learning and teaching methodology
2. Outline of middle school level course
 - (I) Aim
 - (II) Central focus
 - (III) Skill to translate mathematical set up into sequential arithmetic operation set up
3. Course steps

**VEDIC MATHEMATICS TEACHER COURSE
(FOR MIDDLE CLASSES TEACHERS)
CONTENTS**

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1

INITIAL LEARNING AND TEACHING METHODOLOGY

1. Vedic Mathematics is an ancient discipline knowledge and is on processing systems and working steps.
2. As every system deserve to be chased in terms of value of the systems itself, as such Vedic Mathematics as well deserves to be approached as per on its system working rules.
3. Further as, for some histories reasons, this discipline of knowledge had gone dormant, as such the rest methodology for Sadhakas fulfilled with an intensity of urge to become Vedic Mathematics teachers, for them the best and methodology is to initiate oneself on first principle.
4. This initial learning and teaching methodology is of progressive dividends as it shall not be presuming any prior defiant.
5. Further advantage of it would be that one shall not be accepting much for the young minds to whom one shall be teaching the values and skills of Vedic Mathematics on their first principle.
6. Self learning zein of Vedic Mathematics teacher and innocence fulfilled young mind means the student, all what is going to be in between is the truthfulness of the teacher and natural state of mind of the child (student).
7. For the primary stage learning and teaching, it is going to be of one's on exploration and reach at the reservoir of values which are to be availed by the Sadhakas out of very blissful organization of knowledge of this domain being lively with us.
8. It is only the intensity of urge of the Sadhakas which is to ensure one's fulfillment to one's at most satisfaction in this domain.
9. The real bliss of virtues of the values which one shall be acquiring at one's on level will be full of fragrance when one shall be nitration with young mind fulfilled with affine innocence of godly sub line. ■

2

OUTLINE OF MIDDLE SCHOOL LEVEL COURSE

(I)

AIM

1. To acquire natural skill for reaching at Vedic Mathematics values for teaching young minds for their natural growth of their intelligence field along their consciousness state format.

(II)
CENTRAL FOCUS

2. The central focus of teaching at middle class level is to be upon concrete mathematical set ups reduced into a sequential step of arithmetic operation.
3. To reach at sequential arithmetic operation to have answer for the mathematical set up is a very big skill.
4. Young minds are to be sequentially exposed to this exercise.
5. One's the given mathematical setup stands translated into a chain of arithmetic steps to be taken, the rest of the assignment just become a proficiency of taking such arithmetic steps in the sequential arrangement of the situation.

(III)
**SKILL TO TRANSLATE MATHEMATICAL SET UP INTO SEQUENTIAL
ARITHMETIC OPERATIONS SETUP**

6. Infact this is going to be the central focus of learning and teaching by Vedic Mathematics teachers as well as of learning and imbibing on the part of young minds.
 7. However, more focus for the young minds, is to be upon the proficiency of doing arithmetic operations for the given arithmetic translation for the mathematical set up.
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3
COURSE STEPS

1. Learn and teach Vedic Mathematics course for middle school level, though is excepted to presume primary school level learning and teaching, but the values of Vedic Mathematics, as these are organized, and as these unfold, middle school level Vedic Mathematics learning and teaching, as such is to be a self sustained course without presuming any prior learning and teaching but for most basic values like that of counting.
2. First step of this course is to be of 'young mind being of innocence fulfilled state' theme.
3. This is to create a bond between teacher and students as of blissful fulfilled mental state of teacher with affine innocence fragrance fountain of young mind.
4. The second step of the course is to be of the theme as that 'bases base value is 1'.
5. Form one to oneness is a big achievement, conceptually, as well as, skill wise, and as such one is to designate to oneself fully to glimpse and to comprehend oneness of

one and also to have natural reach form one to oneness in the discrete world, as well as in the continuity phenomenon.

6. Points to lines, solids to liquids, and whole range of diversity and universality is there, for us to glimpse, comprehend and to imbibe and to have full imbibing complete appreciation of both, one, as well as, oneness.
7. Very reach spectrum of values $1 = (1^0 = 1^{-1} = 1^2 = (1 \times 1)/1 \dots 0$ as 1, 1 as 0, 2 as 1, 1 as 2), and so on.
8. In continuity would be third course step of a reach of parallel formats of artifices of and of dimensional frames.
9. This step may be designated as the step of exposure the format feature of Sathapatya measuring rod.
10. Infact this is one of the basic format of Vedic system and of Vedic Mathematics.
11. This takes us to a set up of numbers 1 to 6 and parallel to it being the set up of dimensional body of 1-space to 6-space.
12. Bodies of one space to 6-space or of four folds layers and that way a simultaneously flow of four sequential stream becomes available.
13. It is this availability of simultaneously flow of four parallel sequential string which is a value whose comprehension and imbibing will help young minds to perfect their intelligence. Here, instead of handling single value of sequence (1, 2, 3, 4, 5, 6 ...) the capability of handling four sequential flow of lines as quadruples values available each steps as:
(-1, 0, 1, 2), (0, 1, 2, 3), (1, 2, 3, 4), (2, 3, 4, 5) and so on.
14. Infact there are a very large number of feature of this organization which ultimately is to manifest basic processing format of Vedic system and of Vedic Mathematics.
15. This means so, a proper focus is to be given to this course step.
16. The next, that is, the fourth learning and teaching step is going to be of organization of numbers value in terms 9 in numerals (1, 2, 3, 4, 5, 6, 7, 8, 9).
17. Vedic systems go a step further and replace this numerals range into another numeral range of (-1, -2, -3, -4, -5, 5, 4, 3, 2, 1). With this technique the big numerals (6, 7, 8, 9) stand replaced by smaller numeral with biggest numeral being '5'.
18. Handling arithmetic operation with the help of numeral range (-1, -2, -3, -4, -5, 5, 4, 3, 2, 1) is Vedic mathematical skill which shall be proficiently acquired by young minds.
19. Further Vedic Mathematics specialty is that it works out arithmetic operations on algebraic format.
20. Learning and teaching arithmetic on algebraic format is the specific focus of this course. This fifth step of the course of handling arithmetic equations along algebraic format both parallel to the place value system of organization of numbers values.
21. It is not only 10 place system but other place value system as well can be mathematical chased like that and this art and skill is the mathematics whose values will help perfect ones intelligence.
22. The following, five other step of this course in a way are the application of the pure values acquire during previous five step of the course.
23. Five applied values course steps are:

- (I) Specific arithmetic operation to be worked along geometric format
 - (II) Constructing mathematical tools like scales/measuring rods etc.
 - (III) Reaching at geometric format sport for the algebraic format to work out arithmetic operations.
 - (IV) To have exposure to the geometric format of interval, square and cube. Here the construction of geometric figure and creation of geometric boundary for bodies in space with the help of line, fixed at one or both ends point and even fixed at pair of ends and also at the middle and the construction of cone, cylinder, sphere.
 - (V) Handling data on geometric format of curve within a surface like parabola.
24. In addition, as a final step of this course, exposure should be for flow of liquids and transfer of water from one source to another source.
25. Here it would be blissful to take note that the Sanskrit language while it organizes itself as Karta, Karam, Karan, Sampardan, Apadan, Samband and Sambodhan, the organization format is of specific features and same deserve to be glimpsed, comprehended and to be imbibed to appreciate and to acquire insight and enlightenment about the bases base mathematics format feature of Vedic system and of Vedic Mathematics.
26. Numbers, bodies, figures and values are the key words. Ganita Sutra 1 and Ganita Upsutra 1 are the source sutra and upsutra perfection of intelligence is the aim. Teacher and student bond is solemn Vedic Mathematics values are virtuous. Learning and teaching Vedic Mathematics is a blissful exercise.
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BEEJ MANTRA (SEED THOUGHT)

CONTENTS

1. Vedic Mathematics
2. Shakala rig ved samitha
3. Formulation *Richa, Rishi, Devta , Shand And Swara*
4. Formulation of Beej mantra
5. Values pair (16, 24)
6. Steps focus (1, $3/2$, 2, $5/2$, 3, $7/2$, 4 ...)
7. Linear order and spatial order dimensional synthesis values ranges
8. Sequential transcendence range ordering
9. Manifestation and de-manifestation
10. Table of difference value range of linear and spatial order manifestation and de-manifestation ranges
11. Full dimension vs half dimension
12. Half measure and working rule (1/2)
13. Quadruples values split for whole numbers values
14. Linear order chase along spatial format

BEEJ MANTRA (SEED THOUGHT)

1

VEDIC MATHEMATICS

1. Vedic Mathematics is a basis base mathematics of reach at the organization format of Shakala Rig Ved Samitha, the Vedic source scripture, preserving all values of Existence phenomenon of our solar universe, within and without frame, including human frame and also of Surya, as well as of solar universe.

2

SHAKALA RIG VED SAMITHA

2. Shakaka Rig Ved Samitha is of organization of 10552 *Richas* with specific quadruple frame of values of '*rishi, devta, shand and swara*', for each Richa.
3. Value 10552 accepts re-organization as $(x^4+0x^3+5x^2+5x+2)$.
4. This format, initially being parallel to 10 place value system but otherwise the same holds for whole range of place value systems greater than that of 5 place value systems.
5. In particular, here in the context of the present organization of Shakala Rig Ved Samitha, it also beings availed for 8 place value systems.
6. The linear sequencing takes us to 7 place value systems.
7. $X = 7$ leads us to value 343 for x^3 , 245 for $5x^2$, 35 for $5x$ and 2 for $2x^0$.
8. The summation value of above leads us to value $(343+243+35+2) = 625$.
9. Value 625 accepts re-organization as $625 = 5^4$.
10. This value of format 5^4 and brings us face to face with a four dimensional frame of transcendental dimensions.
11. One may have a pause here and take note that 2-space accepts 5 geometries range.
12. One may have further have a pause here and take note that 2-space plays the role of dimension of 4-space.
13. As such, it is the transition and transformation for spatial order into transcendental order which becomes the attainable domain along this organization format.

3

FORMULATION RICHA, RISHI, DEVTA SHAND AND SWARA

14. Formulation *richa, risbi, devta, shand* and *swara* accepts transcendental code value range [(8, 12, 26, 19(22), 15]
15. Value 8 is parallel to transcendental code value the formulation Akash (space).
16. Value 12 is parallel to transcendental boundary of 12 components of self-referral domain ($a^6:b^5$).
17. Value 26 is parallel to 12+14 which is of the feature of the format (dimension, domain).
18. Further it is parallel to $26 = (5+6+7+8)$, which is further parallel to four folds manifestation layer (6, 7, 8, 9) of hypercube 7 of a transcendental dimensional order.
19. Value 19 is parallel to 19 geometries range of 9-space.
20. Further as that 19 is the placement value of southern hemisphere of our solar universe.
21. Further as that formulation *Krishna, Mana* and *Bhut* as well accepts transcendental code value 19 each.
22. Still further value nineteen as dimensional fold gets connected with value 22 as origin fold.
23. Still further as that value 22 accepts re-organization as $(4+5+6+7)$ which is parallel to four folds manifestation layers (4, 5, 6, 7) of hypercube 6 of creative dimensional order.
24. Still further as that $19+22 = 41$ leads us to affine format of Sathapatya measuring rod synthesized by hypercube 1 to 4 for swapping 4-space domain in the role of dimension of 6-space.
25. Value 15 is parallel to $15 = (1 \times 3 \times 5)$ which is dimensional value of solid dimensional frame of 5 dimension of transcendental domain (5-space domain).
26. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe these values.

4

FORMULATION BEEJ MANTRA

27. Formulation Beej mantra accepts transcendental code value $(16+24) = 40$.
28. One may have pause here and take note that value 40 is parallel to 40 quardinate fixation of creative boundary of 10 components of transcendental domain.
29. It would be blissful to take note that the spatial order of creative boundary formats it as a set of (4, 6) organization for 10 components.
30. It would be further blissful to take note that this organization (4, 6) is parallel to 4-space as dimension and 6-space as domain.
31. One may have pause here and take note that the creative boundary is a spatial order while transcendental domain is of a solid order.

32. It is this feature which brings to focus the transition factor is $(3/2)$.
33. It is this factor which plays its role while a pair of squares of nine components each synthesis as a set up of $(9+6) = 15$ components and that $9 = (6 \times 3/2)$ is there because of factor $(3/2)$.
34. Still further synthesis of a pair of cubes of 27 components each leads to a synthetic set up of $(27+18) = 45$ as here as well factor $(3/2)$ is playing its role because of which is the equation $27 = (18 \times 3/2)$.
35. One shall further have a pause here and take note that NVF (square) + NVF (cube) = NVF (mathematics) holds and bring to focus the feature of mathematical domain processing systems.

5

VALUES PAIR (16, 24)

36. The values pair (16, 24) and its re-organization as $(8+8, 8+8+8)$ further bring us focus as of a working unit '8'.
37. One may have pause here and take note that formulation 'Ek' accepts transcendental code value 8.
38. Further as that formulation $16 = 8+8$ and $24 = (8+8+8)$ leads us to a tabulation of sequential steps (1, $3/2$, 2, $5/2$, 3, $7/2$, 4 ...).
39. The tabulation $(8 \times 1, 8 \times 3/2, 8 \times 2, 8 \times 5/2, 8 \times 3 \dots)$ can be reach at by the vinculum rule of Vedic Mathematics where by $8 = (10-2)$ will make first digit row to be demisted by value 2 each steps and the second digit row to be increased by unit value at each steps.
40. This will make the natural flow digit by digit, at each row and column as under.

TABLE

S. No	2 nd Digit	1 st Digit	Step	Addition in 2 nd Digit	Minus in 1 st Digit
1	1	6	1	-	-
2	2	4	$3/2$	1	2
3	3	2	2	1	2
4	4	0	$5/2$	1	2
5	4	8	3	1	2
6	5	6	$7/2$	1	2
7	6	4	4	1	2
8	7	2	$9/2$	1	2
9	8	0	5	1	2
10	8	8	$11/2$	1	2
11	9	6	6	1	2

41. Likewise similar tables can be reach for all number for the steps (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2, 5, 11/2, 6).

6

STEPS FOCUS (1, 3/2, 2, 5/2, 3, 7/2, 4 ...)

42. Normal steps are (1, 2, 3, 4, 5, 6 ...) the special focus steps are (1, 3/2, 2, 5/2, 3, 7/2, 4 ...).
43. This special focus steps range on their duplication of values makes the range [(2x1 = 2), (2x3/2 = 3), (2x2 =4), (2x5/2 = 5) ...].
44. One may have pause here and take note that this values range (2, 3, 4, 5, 6 ...) is but for first value (1) of (1, 2, 3, 4, 5, 6 ...) is precisely the same.
45. One shall further have a pause and take note that the value steps range (1, 2, 3, 4, 5, 6 ...) as its first step value (1).
46. However the other values range (2, 3, 4, 5, 6 ...) is having a its first steps value (2).
47. One shall sit comfortably and to glimpse and imbibe the same for their distinctive reach with a focus upon first steps values in both cases.
48. To have imbibing of distinctiveness of these values ranges and to glimpse their applied values being worked out by Vedic systems one shall revisit above start with steps range (1, 2, 3, 4, 5, 6) and the special step range (1, 3/2, 2, 5/2, 3, 7/2, 4 ...) and to glimpse and appreciate the placement of values (3/2, 5/2, 7/2 ...) in between the gaps of (1 and 2), (2 and 3), (3 and 4), and so on respectively.
49. One may have a pause here and take note that with this technique, the gaps of 1and 2, 2 and 3, 3 and 4 and so on are supplied their middle placement values and this as a sequential process is to attain continuity for discrete by having transition and transformation from linear order values start with value 1 into value start with value 2 to reach spatial order which acquires features of infinite sequence of infinite sequences with elements of finite values ranges [(1), (1,2), (1,2,3), (1,2,3,4) and so on.
50. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and glimpse the transition and transformation phenomenon for linear order (1-space as dimension) into spatial order (2-space as dimensions).
51. To appreciate this and to have fully imbibes of values of this phenomenon one shall revisit dimensional synthesis of linear order dimensions and spatial order dimensions with a focus upon the difference values for both set up and each step.

7

LINEAR ORDER AND SPATIAL ORDER DIMENSIONAL SYNTHESIS VALUES RANGES

52. Linear dimensions synthesis values range of synthesis of single, double, triple, quadruple and higher number of linear dimensions comes to be (1, 3, 6, 10, 15, 21, 28, 36 ...).

53. The synthesis values range for spatial dimensions comes to be (2, 4, 6, 8, 10, 12, 14, 16 ...).
54. The sequential difference of values for above pairs of order comes to be (-1, -1, 0, 2, 5, 9, 14, 20, 27, 35 ...).
55. One may have a pause here and take note that ($5=5 \times 1$, $9=6 \times 3/2$, $14=7 \times 2$, $20=8 \times 5/2$, $27=9 \times 3$...) will help us have placements pairing as [(5,1),(6,3/2),(7,2),(8,5/2),(9x3) ...].
56. With this the values steps (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2, 5 ...) comes to focus for their role in the above process of bridging the discrete value gaps by reaching at their middle placements value in terms of parallel availability of difference value for dimensional synthesis of linear and spatial dimensional order.
57. One may have a pause here and take note that the Vedic system extends such coverage for the manifestation as well as de-manifestation of the manifested creation as well.

8

SEQUENTIAL TRANSCENDENCE RANGE ORDERING

58. Sequential transcendence range ordering phenomenon deserves to be glimpsed and imbibed fully.
59. This is a phenomenon of sequential transcending through compactified origins set ups.
60. Compactified origin setup is a compactified ordering unfolding from within and taking from 0 order to linear order to spatial order.
61. The spatial order unifies as an order of creator's the space and accepts transcendental origin. As such unfolding through transcendence hence fourth is of sequential manifestation of values streams of flow values (2+3), (2+3+4), (2+3+4+5), (2+3+4+5+6) and so on.

9

MANIFESTATION AND DE-MANIFESTATION

62. The manifestation has prior stage of zero number of dimensions.
63. There after it sequentially becomes of number of dimensions (0, 1, 2, 3, 4, 5, 6, 7, 8 ...).
64. The sequential dimensional synthesis value comes to be (0, 1, 3, 6, 10, 15, 21, 28, 35 ...).
65. One may have pause here and take note that this bring to focus sequential value increase as one as a reach from 0 number of dimensional to single dimension, as a first step.
66. As a second step, reach from single dimensional to pair of dimensional , leads to synthesis value '3' which that way become a increase of $(3-1) = 2$ units.
67. At third step the synthesis value of 3 dimensional comes to be 6 and their by there is increase of $(6-3) = 3$ units.
68. Like that, sequentially the increase is of (1, 2, 3, 4, 5, 6 ...) unit.

69. Likewise, in case of spatial dimension the increase at first step from 0 number of dimension to single dimension is of value $(2-0) = 2$.
70. At second step the synthesis value of pair of spatial dimensions is four, and as such increase is $(4-2) = 2$.
71. Like that pair in this case of spatial dimensions there is an increase of value 2 at each step.
72. One may have a pause here and take note that as a reverse process from manifestation to de-manifestation the initial step from 0 number of dimensions to -1 numbers of dimensions, the reach at value (-1) gives rise to the difference value $(-1, -0) = (-1)$.
73. Here the reverse process sets in.
74. The two steps below reach is going to be of value (-3).
75. Three steps below reach will take us to value (-6).
76. And like that there would be sequential de-manifestation range values (0, -1, -3, -6, -10 ...).
77. Likewise in case of spatial dimensional order manifestation, the reverse de-manifestation process will take us a range of value (0, -2, -4, -6, -8, -10 ...).
78. One may have a pause here and take note that the manifestation and de-manifestation values range in case of linear order will be a set up of following sequential arrangements:
(... -10, -6, -3, -1, 0, 1, 3, 6, 10 ...)
79. In case of spatial order the emerging range comes to be:
(... -8, -6, -4, -2, 0, 2, 4, 6, 8 ...).
80. Let us have a pause here and a fresh visit to the range of difference of values in above liner and spatial order manifestation and de-manifestation values ranges.

10

TABLE OF DIFFERENCE VALUE RANGE OF LINEAR AND SPATIAL ORDER MANIFESTATION AND DE-MANIFESTATION RANGES

S. No	Linear order value	Spatial order value	Difference value		
-	-	-	-		
5	15	10	5		
4	10	8	2		
3	6	6	0		
2	3	4	-1		
1	1	2	-1		
0	0	0	0		
-1	-1	-2	-1		
-2	-3	-4	-1		
-3	-6	-6	0		

-4	-10	-8	-2		
-5	-15	-10	-5		

81. The serial number 4 to serial number -4, a range of nine step as a block, on their either side (upward first serial number, and downward serial number one downward, the values differences of spatial and linear order will be of the format of values steps (1, $3/2$, 2, $5/2$, 3 ...) as an upward limb and likewise (-1, $-3/2$, -2, $-5/2$, -3 ...) for the lower limb of the emerging range.
82. One shall sit comfortably and permit the transcending mind to glimpse and imbibe above happening.

FULL DIMENSION VS HALF DIMENSION

1. Space content lumb manifests as a domain fold of hypercube format.
2. Manifested space content lumb, as a domain fold, place different role, of which prominent are as dimension, boundary, origin and base.
3. Of these, boundary fold splits as of double number of dimensions of respective hypercube.
4. Parallel to hyper cubes are hyper spheres of which domain fold as well splits into parts of double numbers of dimensions of respective hyper spheres.
5. Dimensional frame as well split into half dimensions of double numbers of dimensions of respective hyper cubes/hyper spheres.
6. Origin fold being of a higher dimension then that of domain fold, as such transcendence takes place through origin fold of the half domain fold.
7. The permissibility of transcendence for half dimension through origin as such amounts to availability of a degree of freedom of motion for half domain within and through origin along transcendence path of half of one of the dimensions of origin fold.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe this phenomenon of full dimensions splitting into a pair of half dimensions.
9. It would be blissful to visit the following NVF equation:
 - (I) $NVF(\text{transcendence}) = NVF(\text{transcendence half})$
 - (II) $NVF(\text{half}) = NVF(\text{base})$.
 - (III) $NVF(\text{middle}) = NVF(\text{caged half})$
 - (IV) $NVF(\text{light}) = NVF(\text{half black})$
 - (V) $NVF(\text{half dimension}) = NVF(\text{frame}) + NVF(\text{frame}) + NVF(\text{frame})$
 - (VI) $NVF(\text{tri-monad}) = NVF(\text{monad}) + NVF(\text{monad})$
 - (VII) $NVF(\text{sun}) = NVF(\text{half}) + NVF(\text{half})$
10. It would further be blissful to visit following TCV equation:
 - (I) $TCV(\text{Ardh Matra}) = TCV(\text{Vyanjan}) = NVF(\text{Brahma})$.
11. The phenomenon of half dimensions and their playing its role in manifestation within a dimensional frame of full dimension is well evident explicitly in the set up of cube (hypercube 3).
12. One shall have a pause here and to have a fresh visit to the set up of a cube in each of whose eight corner point is embedded a 3 dimensional frame of half dimensions.

HALF MEASURE AND WORKING UNIT (1/2)

13. Spatial order creator's the space (4-space) accepts a pair of measure (2 as 1 and 1 as 2) which lead to $(1/2)$ as a working rule.
14. One may have pause here and take note that it is because of this feature that the four folds manifestation format of creator's the space accepts half domain as a working unit domain and because of it the split and synthesis phenomenon takes place in respect of manifested creation of hyper cubes and hyper spheres formats.
15. One may have further have a pause here and take note that the linear order restriction because of which hyper circles 1 to 7 increase and hyper circle 8 onwards decrease, get dissolved and melt away with the spatial dimensional order of creator's the space.

13

QUADRUPLES VALUES SPLIT FOR WHOLES NUMBERS VALUES

16. Hyper cubes are of the format of four fold manifestation layers of four consecutive whole numbers values.
17. This as such makes range of summation values of four folds of hyper cubes being: (... -14, -10, -6, -2, 2, 6, 10, 14 ...).
18. A shift from whole number unit (1 to half working unit $1/2$), consecutive four such values of half unit range leads to summation values as:

$$1 = (-1/2+0+1/2+1)$$

$$2 = (-1+0+1+2)$$

$$3 = (0+1/2+1+3/2)$$

$$4 = (2+2)$$
19. One may have a pause here and take note that four leads to a pair of four fold layers (-1, 0, 1, 2), (-1, 0, 1, 2).
20. One may have further have pause here and take note that it is this feature which deserves to properly glimpse and to be fully imbibed.
21. Further as that $4 = 1+3$.
22. One may have further have a pause here and take note that $1 = (-1/2+0+1/2+1)$ and $3 = (0+1/2+1+3/2)$.
23. One shall sit comfortably and permit the transcending mind to properly glimpsed and fully imbibe this organizational arrangement.
24. It would be a blissful to take note that $4 = 2+2 = 1+3$ leads to organizational format features of simultaneous role of full dimensions, as well as half dimensions parallel to full units and half units.
25. It is because of this feature that the internal organization of cube permit chase by approaching it simultaneously by a three dimensional frame of linear dimensions and also by a 3 dimensional frame of full dimensions.
26. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the phenomenon of simultaneous approach by a dimensional frame of linear dimensions and by a dimensional frame of spatial dimensions.

LINEAR ORDER CHASE ALONG SPATIAL FORMAT

27. The linear order chases along spatial format is the feature which deserves to be comprehended well.
28. The simultaneously availability of lines and surfaces within a surfaces and the points of lines within the surface being of surfaces is the feature which also deserves to be comprehended well.
29. Surface within a surface is the manifestation feature with whose chased, we shall be coming parallel to Vedic Mathematics processing systems reach.
30. One shall approach Vedic mathematics within the intensity of urge to comprehend and imbibe the values of manifestation of hypercube 4 within hypercube 4 itself.
31. One shall evaluate oneself of one's learning of Vedic Mathematics in terms of one's comprehension and imbibing of the working steps of $(1/2)$ as the working unit. ■

HALF DIMENSION

CONTENTS

1. Full dimension vs half dimension
2. Half measure and working unit '1/2'.
3. Quadruples values split for wholes numbers values

HALF DIMENSION

1

FULL DIMENSION VS HALF DIMENSION

32. Space content lump manifests as a domain fold of hypercube format.
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36. Dimensional frame as well split into half dimensions of double numbers of dimensions of respective hyper cubes/hyper spheres.
37. Origin fold being of a higher dimension then that of domain fold, as such transcendence takes place through origin fold of the half domain fold.
38. The permissibility of transcendence for half dimension through origin as such amounts to availability of a degree of freedom of motion for half domain within and through origin along transcendence path of half of one of the dimensions of origin fold.
39. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe this phenomenon of full dimensions splitting into a pair of half dimensions.
40. It would be blissful to visit the following NVF equation:
 - (VIII) NVF (transcendence) = NVF (transcendence half).
 - (IX) NVF (half) = NVF (base).
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 - (XI) NVF (light) = NVF (half black)
 - (XII) NVF(half dimension)= NVF (frame) + NVF (frame) + NVF(frame)
 - (XIII) NVF(tri-monad) = NVF (monad) + NVF (monad)
 - (XIV) NVF (sun) = NVF (half) + NVF (half)
41. It would further be blissful to visit following TCV equation:
 - (II) TCV (Ardh Matra) = TCV (Vyanjan) = NVF (Brahma).
42. The phenomenon of half dimensions and their playing its role in manifestation within a dimensional frame of full dimension is well evident explicitly in the set up of cube (hyper cube 3).
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2

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47. Hyper cubes are of the format of four fold manifestation layers of four consecutive whole numbers values.
48. This as such makes range of summation values of four folds of hyper cubes being: (... -14,-10,-6,-2,2,6,10,14 ...).
49. A shift from whole number unit (1 to half working unit $1/2$), consecutive four such values of half unit range leads to summation values as:

$$1 = (-1/2+0+1/2+1)$$

$$2 = (-1+0+1+2)$$

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$$4 = (2+2)$$
50. One may have a pause here and take note that four leads to a pair of four fold layers $(-1, 0, 1, 2), (-1, 0, 1, 2)$.
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56. It is because of this feature that the internal organization of cube permit chase by approaching it simultaneously by a three dimensional frame of linear dimensions and also by a 3 dimensional frame of full dimensions.
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MATHEMATICAL EXPOSURE FOR YOUNG MIND

CONTENTS

1. Mathematical exposure
2. Environment of mathematical class
3. Blunting instruction of pebbles and black board symbol
4. Human body as the sport systems for mind to grow intelligence field
5. Feature of values to virtues
6. Initiation beginning with Ganita upsutra 1 is to be complement and supplemented by Ganita sutra 1

MATHEMATICAL EXPOSURE FOR YOUNG MIND

1

MATHEMATICAL EXPOSURE

1. First attainment of Vedic Mathematics teacher is going to be in creating proper environment in class to ensure appropriate mathematics exposure for young mind parallel to orderly organization format of existence phenomenon of our solar universe. The test of this attainment would be that as the child will go out from class room its couriers shall get intensified to read and Nature as a mathematics book.
2. Further the conceptual approach of interaction with fellow beings, friends and relative, as well should be of desire to glimpse and imbibe mathematical values of systems, interaction and relationship.
3. Still further, the student of mathematics shall acquire bliss of going more and more about the mathematical format of existence within human body.
4. The test of this conduct and approach of student of mathematics would be the sequential in depth insight being continuously attained by the student in the orderly mathematical values of our existence phenomenon being sustained by nature.

2

ENVIRONMENT OF MATHEMATICAL CLASS

5. For environment of mathematical class to be parallel to Nature, better is would be that mathematics class is held in Ayer-Vedic garden itself.
6. Plants, flowers, butterflies, pees and their universal species families world will enrich needed environmental fragrance needed by the natural transcendental values for the sequential growth of innocence fulfilled young minds.
7. Moreover, this way the unnecessary restrictive tendencies of pebbles and black board symbol blunting intelligence growth, will have natural answer.

3

BLUNTING INSTRUCTION OF PEBBLES AND BLACK BOARD SYMBOL

8. 'Mind' is a living phenomenon. Intelligence field is sustained by consciousness fountained by Life. It is under an orderly designed that mind is enlivened within brain organ framed within head limb of body.
9. This, as such puts parents and teachers of young minds, to create proper natural environment for orderly mathematical exposure for young minds.

10. The blunting effects of pebbles and black board symbols are very harmful for the proper natural growth of intelligence field within young minds.
11. The black board pictorial and conceptual symbol are meant for grown up minds, which can glimpse and comprehend properly the virtues of the values of formatted creation of compactified state.
12. It would be unrealistic expectation from the young mind to glimpse and have a vision that the surface as a pair of faces and the space content in between the pair of faces of a surface is full of structure to manifest a linear order 3-space set up with a spatial order origin as a top tip of compactified range of origins of solid and higher dimensional order.
13. Young minds are to be very gently and in a phased sequential step of exposure within an Ayur Vedic garden and with the help of leave of plants initiation is to be held for such vision.

4

HUMAN BODY AS THE SPORT SYSTEMS FOR MIND TO GROW INTELLIGENCE FIELD

14. Vedic Mathematics teacher with their perfection of intelligence shall initiate intelligence growth process for young minds by availing human body sport system for mind.
15. The other, parallel sport system which may be availed would be the system of plants. Human body sport system is the principle sport system for the mind to grow intelligence field on the self growing consciousness states.
16. Plants sport system is to be availed as complimentary and supplementary sport system approachable in terms of senses.
17. Vedic systems concubine is meant is the principle sense and all other senses are sportive senses for the mind as principle sense. In the back ground, it is going to be solemn responsibly of Vedic Mathematics teacher that young mind shall be sequentially and very gently in a graded phased manner to initiate mind to re-organized and imbibe the values of comprehension though sense of the body .

5

FEATURE OF VALUES TO VIRTUES

18. The glimpsing vision of young mind is to initiate availing the senses apparatus of human body.
19. Summity patterns recognized is one basic feature which is being fully availed by mathematics of Ganita Sutra and upsutras.
20. Young minds, better can be initiated, by availing the values of Ganita Upsutra 1: 'Anu Rupeina' which accepts symbol English rendering as propose ant symmetry.
21. The text formulation 'Anu Rupeina' accepts literal translation as 'to follow the form, as it is framed'.

22. This bring so, the form of bodies are to be approached as these are framed. Therefore, reach is to be from frame to form this value makes a big range of mathematical steps; this brings in the capacity to absorb and to decipher.
23. As such, the parents and Vedic Mathematics teachers are under solemn duty to exposure young mind properly, so that the art and skill of absorbing and deciphering feature of frame to reach at forms of the objects, bodies and geometries entities.

6

**INITIATION BEGINNING WITH GANITA UPSUTRA 1 IS TO BE
COMPLEMENT AND SUPPLEMENTED BY GANITA SUTRA 1**

24. The formal exposure of young minds to mathematics is to be in the form of initiation in terms of Ganita Upsutra 1 to be complemented and supplemented by Ganita Sutra 1 it shall be an exposure to 'counting' which that way is going to be one very big leap. It is going to be first milestone for the road leading to the goal of attainment perfection of intelligence for young mind fulfilled with innocence in affine state.

SURFACE WITH A PAIR OF FACES

CONTENT

7. Surface and space content
8. Illustrative case of a leaf
9. Formulation *beej*

SURFACE WITH A PAIR OF FACES

1

SURFACE AND SPACE CONTENT

1. Surface in space has a pair of faces.
2. The space content in between the pair of faces makes it a body of the space.
3. Pair of faces becomes the boundary components of a space body.
4. The enveloped space content permits to be chased as manifested domain fold.
5. The distinguishing feature of a pair of faces from that of space content enveloped by the faces of a surface is of the order value of boundary fold and domain fold respectively.

2

ILLUSTRATIVE CASE OF A LEAF

6. Let us have a revisit to a leaf of a plant.
7. Leaf has a front and a back face.
8. Space content is visibly enveloped within a pair of faces of a leaf.
9. Formulation '*Akash*' accepts transcendental code value '8'.
10. Formulation '*Rasa*' also accepts transcendental code value '8'.
11. Formulation '1' and formulation '*triyā*' as well accepts transcendental code value '8'.
12. Formulation '*iti*' as well accepts transcendental code value '8'.
13. One shall sit comfortably and permit the transcending mind to continuously remain in *trans* and to glimpse and imbibe the format features and values of above formulations and to comprehend the space content existence phenomenon within a pair of faces of a leaf.
14. One may have further have a pause here and to take note that cube permits a split as 8 sub cubes.
15. This package of 8 sub cubes, as a unit makes a mathematics of parallel artifices of numbers and of dimensional frames.
16. Sadhkas fulfilled with intensity of urge to learn and to teach Vedic Mathematics shall go parallel to the existence phenomenon of our solar universe in its many manifestation within and without frames like that of a pair of faces of a surface, the one hand, and the space contents enveloped by the pair of faces.
17. The existence phenomenon of a leaf be visited and re-visited to have full comprehension and appreciation of this manifestation format of life.
18. It would be blissful to take-note, a leaf itself is a creation.
19. It is a manifested creation.

20. This creation is lively but as a phenomenon of bigger life display, that to in a manifestation creation format of a 'plant'.
21. The cyclic order of life display of a plant is of the self-referral range of a 'seed to seed' range.
22. The osculators (vaishtanm-Ganita Upsutra 5) bring us face to face of the structural format of manifestation creation whose beginning and end reach are at the same 'ment'/here 'seed'.
23. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the osculators values of self-referral existence phenomenon within frames and without frames like that of a space content enveloped by a pair of faces of a leaf.
24. Further as that, this feature is the feature of a value of a self-referral virtue of 'seed'/'*beej*'.

3

FORMULATION *BEEJ*

25. Formulation seed accepting natural number format and formulation '*beej*' accepting transcendental code value format on their respective associations of values and reach at their respective format of artifices of numbers, bring us face to face with the following NVF and TCV equations:
 - i. NVF (seed)=33
 - ii. TCV (*beej*) =16
26. The inter relationship of values pair (33, 16) brings us face to face the format feature of organization along geometric format of hypercube set ups of Sathapatya measuring rod as that hypercube 16 is of 33 versions.
27. The formulation seed also brings us face to face with its internal organization being of feature leading to $33 = 19+5+5+4$.
28. On the other hand, the TCV value 16 of formulation *beej* brings us face to face with internal feature of this formulation being of chased steps $16 = 7+4+4+1$.
29. Further as that, the formulation '*beej*' as a composition of four letters takes us to their values and formats as :
 - i. First letter accepts association of value 7 and format of 7-space as a domain fold.
 - ii. The second letter accepts association of value 4 and of format of an elongated second vowel of format of dimensional frame of 2-space, as a set up of pair of dimensions of a zero order.
 - iii. The third letter accepts association of value 4 and a geometric format of 4-space as a domain fold.
 - iv. The fourth letter accepts association of value 1 and a geometry format of a dimensional frame of 1-space as a set up of a single dimension of a negative dimensional order.

30. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of *trans* and to comprehend as to the reach up till the creation format of a leaf of a pair of faces enveloping space contents.
31. The reach from seed to leaf on its chase by NVFs systems and along TCV systems will bring us face to face, with '*chandas/meter*' and along *swara* format.
32. The Sadhkas fulfilled with the intensity of urge to imbibe the values of manifested creations as chased by Vedic systems shall learn the processing rule of basis base mathematics of Ganita Sutras and Ganita Upsutras.

SOLID WITH CENTRE PERMITTING TRANSCENDENCE

CONTENTS

1. Domain as manifested space contain lump.
2. Distinct feature of mathematics, sciences and technologies of dimensional spaces
3. Transcendence within a domain with a sealed centre
4. Measuring rod of domain

SOLID WITH CENTRE PERMITTING TRANSCENDENCE

1

DOMAIN AS MANIFESTED SPACE CONTAIN LUMP

1. One of the feature of a dimensionalised space is that the manifested creation within it accepts origin fold which permits transcendence from domain fold for reach at base fold.
2. Center of solid (being a domain fold) is a seat of its origin fold.
3. The permissibility of transcendence at origin makes seal at centre of solid to melt away and to permit split for the domain fold.
4. Domain fold with a sealed origin becomes a framed domain in a sealed state.
5. Sealed state domain fold accepts two fold frame, firstly as of enveloping boundary and secondly as of dimensional frame.
6. The dynamic state framed domain with sealed origin avails order of its dimension as a translation path.
7. The permissibility of translation along all the dimensions as translation path makes a dynamic phenomenon.
8. Domain fold with happening of transcendence at the origin in static state, as well as dynamic state, is the phenomenon which deserves to be glimpsed and imbibed well to acquire proper insight and appropriate enlightenment of mathematics, science and technology of the respective dimensional space.

2

DISTINCT FEATURE OF MATHEMATICS, SCIENCES AND TECHNOLOGIES OF DIMENSIONAL SPACES

9. Each dimensional space manifests its contents as a domain fold of the body of respective space.
10. Static and dynamic state of body, different role of the domain fold and permissibility or otherwise for transcendence at the origin folds are the characteristics which add to the features and values to mathematics, science and technology of the respective dimensional space.
11. Each dimensional space has different characteristics of its bodies in static and dynamic states which distinguishing features and values of mathematics, sciences and technologies of different dimensional spaces.
12. Illustratively, the seed of a given plant is a distinct packet of characteristics which add distinct feature and values to a plant.

3

TRANSCENDENCE WITHIN A DOMAIN WITH A SEALED CENTRE

13. Manifested domain fold with a sealed origin and with a pair of frames, firstly because of enveloping boundary and secondly because of dimensional frame, and even domain being in a static or dynamic state, the same also as the potentiality to permit sequential transcendence along the format of its measuring rod.
14. It is this feature, which deserves to be comprehended well, and the same to be thoroughly imbibed for full appreciation to acquire proper insight and to attain appropriate enlightenment.

4

MEASURING ROD OF A DOMAIN

15. Each dimensional domain accepts its specific measuring rod.
 16. N space domain (domain fold of hypercube N) accepts a Sathapatya measuring rod, a synthetic step up of hypercube 1 to N.
 17. Along the format of hypercube 1 to N a sequential transcendence may take place at the respective origin fold of hypercube 1 to N.
 18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of *trans* and to glimpse and imbibe the features and values of this transcendence phenomenon within a framed domain with a sealed origin.
-

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SPATIAL ORDER

1. Spatial dimensional order
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VEDIC MATHEMATICS

TEXT BOOK

CLASS 10

REAL 4-SPACE

INTRODUCTORY

1. Of year Vedic Mathematics course, we are at present in second year of the course. During 1st year the focus has been upon Vedic Mathematics of 3-space. This year, the focus is going to be upon Vedic Mathematics of 4-space.
2. 4-space is the Creator's the space, presided by 4 head Lord Brahma. The Idol of Lord Brahma preserves the creation format features and values. Whole ranges of manifested creations are format along this creation format.
3. The creation format is a spatial order hyper cube 4 format of features and values parallel to the features and values of Idol of Lord Brahma.
4. The spatial order of the format makes mathematics, sciences and technologies of 4-space being distinct than that of mathematics, sciences and technologies of linear order 3-space.
5. One shall recapitulate the values imbibed during 1st year course of Vedic Mathematics of linear order 3-space.
6. One may revisit the internal structure of cube availing a three dimensional frames of 3 dimensions. This as such, is going to be the ultimate limit of 3-space mathematics, science and technology.
7. During this year course we shall be transcending from the set up of the approach to the space in terms of a dimensional frame of 3 dimensions (may it be of a linear order, or of a spatial order).
8. This transition shall be taking us to a set up of a space within a dimensional frame of 4 spatial dimensions. This set up brings us face to face with 4-space reality.
9. We shall also be learning this year as that the internal structure of hyper cube 4, representative regular body of 4-space. Also accepts a dimensional frame of 4 solid dimensions. And, a transcendence there form to a space within a dimensional frame of 5 solid dimensions, as such, shall be taking us to real 5-space, whose values would be centre of learning focus during next year.
10. The initial focus leading this year, naturally is going to be upon glimpse and imbibing of 4-space reality and settlement of 4-space body (hyper cube 4).
11. Therefore, the transition from the set up of cube as hyper cube 3, to hyper cube 4 is going to be the first attainment of learning of this year course.
12. With comprehension and appreciation of set up of hyper cube 4, as a four folds manifestation layer (2, 3, 4, 5), we shall be entry the mathematical domain of 4-space format. And, 4-space content shall be leading us to science of 4-space, while the set up of 4-space body shall be providing insight of 4-space technology.

13. The discipline of 4-space Vedic Mathematics, Science & Technology is the discipline of virtues of the values of 4-space mathematics, 4-space science and 4-space technologies.
14. Basis base mathematics of this discipline is the mathematics of Ganita Sutras and upsutras, which is formatted along Sathapatya measuring rod presided by lord Vishnu, over lord of 6-space while its measure is presided by Lord Braham, the over lord of real 4-space, as such, the focus here during this course while glimpse and imbibing the value of mathematical domain of 4-space, is to remain upon the measure of the Sathapatya measuring rod.
15. It would be a blissful to take note that the measuring of this measure rod is of format feature values parallel to creative dimensional order (4-space in role of dimension). It would be a blissful to take note that the format feature and value of 4-space dimensional frame is parallel to the artifices of number value 4.
16. It would further be a blissful to take note that the interrelationship of spatial order (2-space in role of dimensional of 4-space) and of creative order (4-space in the role of dimension of 6-space) is parallel to the relationship with number value 2 with number value 4.
17. It would be a blissful to take note that this brings us face to face with relationship format of dimension fold and domain fold, which in reference to 2-space domain takes us face to face with the interrelationship of number value 2 and number value 0 being parallel to zero space in the role of dimension of 2-space. and, this further brings us face to face with the following feature:
 - i. $2+2 = 2 \times 2 = (-2) \times (-2)$.
 - ii. $0+0 = 0 \times 0 = (-0) \times (-0)$.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.



PREFACE

1. One way to initiate one-self for Vedic knowledge is to learn and to imbibe the values of 4-space mathematics, science and technology. As such, this year course of Vedic Mathematics is of added values for the Sadhakas.
2. This year learning is to be continuity of first year learning and imbibing of values of 3-space mathematics. The transition from linear order 3-space to spatial order 4-space is the initial basic steps and as such, one shall attend to it that essential initial necessity of this year course.
3. It would be a blissful exercise to revisit 3-space reality from the 4-space domain focus in the content, that way, would be of re approaching 3-space domain in terms of a dimensional frame of 3 spatial dimensions, instant of 3 linear dimensions.
4. It would be a blissful to revisit cube as hyper cube 3 manifesting along the format of hyper cube 4. It will help to distinguishing imbibed the format feature value for the cube within a cube, with inner cube accepting spatial dimension format while the outer cube accepting linear dimension format.
5. Likewise at the end of this course, one shall revisit hyper cube 4 with in hyper cube 4 by approaching inner hyper cube 4 in terms of a dimensional frame of 4 solid dimension, while the outer hyper cube 4 to be approached in terms of a dimensional frame of 4 solid dimensions.
6. One shall perfect oneself of glimpse and imbibing the values of our Existence Phenomenon being in a compactified by sequentially unfolding, parallel to our mental states, as such, one shall permit the transcending mind to remain in trans and to attain transcendence by the mind within its own internal states.
7. It would be a blissful to glimpse and imbibe the progressively transcending values of mind by creating consciousness based intelligence filed, with this reach, mind acquire mental states parallel to the consciousness state lively as life values of Existence Phenomenon of 'BEING'.
8. Let us be on the blissful path of discipline of 4-space mathematics, science and technology.

Author

VEDIC MATHEMATICS TEXT BOOK

CLASS 10

REAL 4-SPACE

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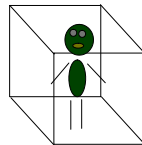
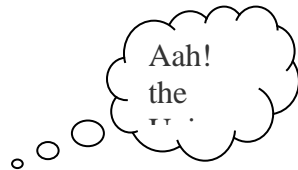
SECTION 1
(REAL 4-SPACE)

REAL 4-SPACE

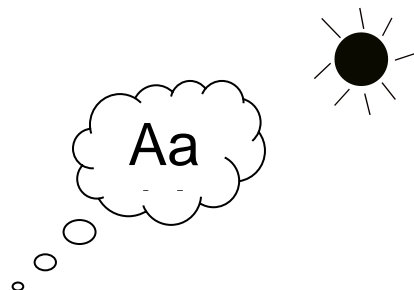
61. Real 4-space
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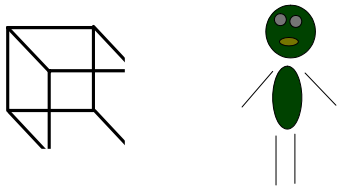
Real 4-space

1. 4-space, with availability 4 dimensions, provides a freedom of motion for 3-space bodies under constrains of their 3 dimensional frames.
2. To come out of the mental state of a 3 dimensional frame, one shall come out of a 'room', and to glimpse the space outside the set up of the cube.
3. The outside space is not restricted up till the set up of the cube.
4. Line (1-space body) provides a degree of freedom of motion for a point (0 space body). Plane (2-space body) provides a degree of freedom of motion for a line (1-space body). Cube (3-space body) provides a degree of freedom of motion for a plane (2 space body). A step-head, 4-space body (hyper cube 4) provides a degree of freedom of motion for a cube (hyper cube 3/ 3-space body).
5. We can view this feature also as that, a point (0 space body) moves availing a line format (1-space format). Likewise line (1-space bodies moves availing plane format (2-space format) and, plane (2-space body) moves availing cube format (3-space format). and, a step head, cube (3-space body) moves availing hyper cube format (4-space format).
6. We are living in a space which solid (3-space) bodies are moving as the space provides a format for its motion where by the space of our motion, as it is of a dimensional order higher than that of the dimensional order of 3-space.



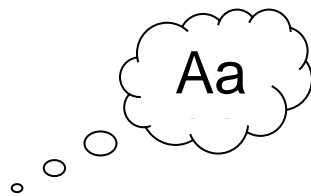
7. While sitting in a room, one gets conditioned as if the universe is just 3-Space. The movement one comes out of





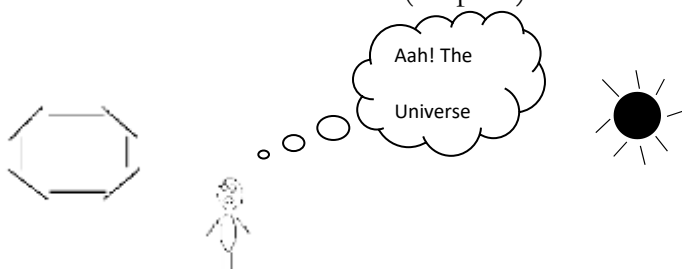
the room, the one with melting of the conditions enjoys the bliss as the universe being a 4-Space.

Soon this blissful state manifests as a mental block and one becomes conditioned as caged within 4-Space



With mind transcending this state and the conditioning manifestation melt, and give way to the emergence of the transcendental state, one gets fulfilled with ambrosia of bliss of the transcendental worlds (5-Space):

5-space



This, this way, it is the sequential melting of the mental blocks conditioning the universe for the individuals intellectual ranges which is to be attended to and rest is to followed of its own.

BLISSFUL GLIMPSING

EXERCISE

8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
9. One shall start with a point (0 space body) and create 1-space format.
10. One shall start with a **line** (1-space body) and create 2-space format.
11. One shall start with a **plane** (2-space body) and create 3-space format.
12. One shall start with a **solid** (3-space body) and create 4-space format.
13. One shall glimpse further and chase 4-space body in its dynamic state creating 5-space body.
14. A step head, one shall further glimpse 5-space body creating 6-space format.

CONCEPTUAL TERMS

1. **Interval** is 1-space body.
2. **Square** is a 2-space body.
3. **Cube** is a 3-space body.
4. **Interval** is hyper cube 1.
5. **Square** is hyper cube 2.
6. **Cube** is hyper cube 3.
7. **Hyper cube 4** is a 4-space body.
8. **1-space** as dimensional frame of one dimension.
9. **2-space** as a dimensional frame of two dimensions.
10. **3-space** as a dimensional frame of three dimensions.
11. **4-space** as a dimensional frame of four dimensions.
12. **1-space content** manifests as length part (domain) of hyper cube 1.

13. **2-space content** manifests as area part (domain) of hyper cube 2.
14. **3-space content** manifests as volume part (domain) of hyper cube 3.
15. **4-space content** manifests as domain fold of hyper cube 4.



4-SPACE BODY

1. **Interval**, as 1-space body, accepts domain boundary ratio formulation $a^1:2b^0$, as its end points constitutes a boundary of a pair of components of 0space bodies.
2. **Square**, as 2-space body, accepts domain boundary ration formulation $a^2:4b^1$, as its boundary lines are four in number and these together as quadruple 1-space bodies constitute boundary fold.
3. **Cube**, as 3-space body, accepts domain boundary formulation $a^3:6b^2$, as six surface plates envelop volume (domain) of the cube and constitute its boundary fold.
4. One may have a pause here and have a simultaneous visit to domain- boundary formulations of interval, square and cube (hyper cubes 1, 2 and 3) and same shall be bringing us face to face with a single formulation : $a^n:2nb^{n-1}$, $N = 1, 2, 3$ for their individual formulation. Taking hyper cube 4 as the fourth member of the sequence of hyper cubes (representative regular bodies of (1, 2, 3, 4 ... spaces), the same for $N = 4$ shall be leading us to domain-boundary formulation for hyper cube 4 as $a^4:8b^3$.
5. One may further have a pause here and to re-visit the set ups of boundaries of hyper cubes (1, 2, and 3) and it would be coming to pointed focus as that two (0 space) bodies constitutes boundary of hyper cube 1 (interval), four (1-space) bodies constitutes boundary of hyper cube 2 (square), and six (2-space) bodies constitutes boundaries of hyper cube 3 (cube/3-space bodies)
6. This, in this sequential order, settles boundary of hyper cube 4 (4-space) body, as a set up of eight (3-space) bodies.
7. With this settlement of the boundary (fold) of (4-space) body, one basic feature of (4-space) body stands settled for us.
8. As for as the domain fold enveloped within solid boundary of eight components is concerned the same is the expression of 4-space content as it manifests being enveloped within a solid boundary.
9. With it, 4-space content manifesting an expressing as domain fold and 3-space content, manifesting as a expressing as boundary fold emerge as the pair of basic feature of 4-space body.
10. One may have a pause here and take note that domain fold and boundary fold of 1-space body are the manifested expression of 1-space content and zero space content respectively.
11. Likewise, domain fold and boundary fold of 2-space body are the manifested expression of 2-space content and 1-space content respectively.
12. Further as that, domain fold and boundary fold of 3-space body are the manifested expression of 3-space content and 2-space content respectively.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

BLISSFUL GLIMPSIING

EXERCISE

1. One shall distinctively glimpsed the distinguishing feature of dimensional space being their because of their space contents being of distinguish values and features.
2. One shall glimpse and imbibe the value of space content being of the feature that it manifests domain fold of its body.
3. One shall glimpse and express oneself about one's comprehension of the feature of 1-space content manifesting as domain fold of hyper cube 1(interval), of 2-space content, manifesting as domain fold of hyper cube 2 (square), of 3 space content, manifesting as domain fold of hyper cube 3 (cube), and of 4-space content, manifesting as domain fold of hyper cube 4 (representative regular body of 4-space).
4. It would be a blissful exercise to distinctively glimpsed pair of features of a space contents, manifesting as domain fold, and manifesting as boundary fold.
5. It would be very blissful exercise to chase feature of 1-space content manifesting as domain fold of hyper cube 1, and also manifesting as boundary fold of hyper cube 2.
6. Further, it would also be a blissful exercise to chase a pair of feature of 2-space content manifesting as domain fold of hyper cube 2, and manifesting as boundary fold of hyper cube 3.
7. Still further, it would also be blissful exercise to chase a pair of feature of 3-space content manifesting as domain fold of hyper cube 3, and manifesting as boundary fold of hyper cube 3.
8. Still further, it would be a blissful exercise to chase pair of features of 4-space content manifesting as domain fold of hyper cube 4 and manifesting as boundary fold of hyper cube 5.
9. This glimpsing chase at a step head shall be bringing us face to face with a pair of feature of 5-space content firstly as it manifests as domain fold of hyper cube 5 and secondly as it manifests as boundary fold of hyper cube 6.

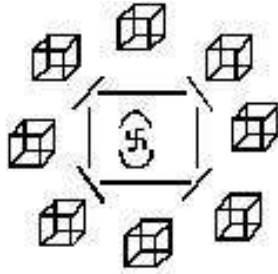
CONCEPTUAL TERM

1. **4-space content.**
Scripture approach 4-space as creator's space.
2. **Creative domain.**
Four space domain is designated as creative domain.
3. **Creative boundary.**
Four space as boundary of 5-space is designated as creative boundary, while 5-space domain itself is designated as transcendental domain.
4. **Creative origin.**
Four space as origin of three space is designated as creative origin.
5. **Centre of cube as seat of four space.**

One shall recapitulate from the learning reach of previous year reach at the centre of the cube as a seat of four space.

One shall glimpse and imbibe the feature of the set up of the cube accepting split into eight sub cubes with their inner most corner points having common placement at centre of the cube itself.

This, that
centre of
6. Center of
the cube



way bring to focus the distinguishing feature of the the cube form all other points of the cube.

the cube is of a dual status, firstly being a point of itself, and secondly as the seat of placement of innermost corner points of all the eight sub cubes

making it a set up of enveloping for the space at the centre of the cube by a solid boundary of eight components.

7. With it, the
manifested
boundary
of cube a



space at center of the cube becomes of a state of 4-space content enveloped within a solid of eight components. These value make centre seat of 4-space. ■

3

IDOL OF

LORD BRAHAMA

1. Scripture well preserves values and feature of Lord Brahma.
2. Lord Brahma is four head lord.

3. Each head of lord Braham is equipped with a pair of eyes.
4. Lord Braham sits gracefully on the lotus seat of eight petals.
5. Within cavity of heart of lord Braham is the seat of transcendental lord Shiv.
6. Lord Braham meditates upon transcendental lord within cavity of his own heart.
7. With grace of transcendental lord Shiv, lord Braham multiplies as ten Brahamas.
8. These values and features bring us parallel to values and features of format of hyper cube 5, the representative regular body of four space.

9. 4 dimensions of hyper cube 4 are parallel to four heads of lord Braham.
10. The spatial dimensional order of hyper cube 4 is parallel to pair of eyes equipped in each head of lord Brahma.
11. The solid boundary of eight components of hyper cube 4 is parallel to lotus seat of eight petals.
12. Transcendental origin (5-space as origin fold) of hyper cube 4 is parallel to seat of transcendental lord Shiv, the over lord of 5-space, within cavity of heart of lord Braham.
13. 4-space permit transcendence at the transcendental origin and manifests as creative boundary of ten components of transcendental domain (5-space) which is parallel to the virtue of lord Braham multiplying as ten Brahamas with the grace of transcendental lord Shiv.
14. Lord Braham is creator's supreme and this bring us face to face with the hyper cube 4 as the creation format.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
16. It would be blissful to glimpse and to chase hyper cube 4 as a four folds manifestation layer of value and features: (2-space content manifesting as dimension fold, 3-space contents manifesting as boundary fold, 4-space manifesting as domain fold, 5-space content manifesting as origin fold.
17. Parallel to these four folds format is the format of quadruple numbers values (2, 3, 4, 5) of summation value 14. This is a particular case of value $N = 4$ for the quadruple numbers values ($N-2, N-1, N, N+1$) of summation value $4N-2$.
18. Parallel to quadruples values ($N-2, N-1, N, N+1$) is the four folds manifestation layer of hyper cube N of values and features: ($N-2$) space content as dimension fold, ($N-1$)space content as boundary fold, N space content as domain fold, ($N+1$) space content as origin fold.
19. This leads us to a sequence of hyper cubes $N, N = (1, 2, 3, 4, 5 \dots)$.
20. This sequence permits extension with inclusion of hyper cube 0.
21. It further permits extension with inclusion of hyper cubes ($-N$ for all value of N).

**BLISSFUL GLIMPSING
EXERCISE**

1. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
2. One shall glimpse values and feature of hyper cube 4 along the format of Idol of Braham.
3. One shall further glimpse values and features of hyper cube 5 as a four folds manifestation layer (3, 4, 5, 6).
4. Further, one shall glimpse values and features of hyper cube 6 as four folds manifestation layers (4, 5, 6, 7).
5. It would be a very blissful exercise to glimpse the set up of interval as hyper cube 1 of four folds (-1, 0, 1, 2).
6. Still further, it would also be a blissful exercise to glimpse and imbibe the values and features of square as hyper cube 2 of four folds (0, 1, 2, 3).
7. Still further, it would be a very blissful exercise to glimpse and imbibe the values and features of cube as hyper cube 3 of four folds (1,2,3,4).
8. It would further be a very blissful exercise to glimpse and imbibe four folds values and features of space content specifically and distinctively as manifesting, firstly as dimension fold, secondly as boundary fold, thirdly as domain fold and fourthly as origin fold.
9. One shall chase quadruple values and feature of (1-space) content as dimension fold of hyper cube 3, boundary fold of hyper cube 2, domain fold of hyper cube 1 and origin fold of hyper cube 0.
10. Still further, one shall chase quadruple values and features of (2-space) content as dimension fold of hyper cube 4, boundary fold of hyper cube 3, domain fold of hyper cube 2 and origin fold of hyper cube 1.
11. Still further, one shall chase quadruple values and features of (3-space) content as dimension fold of hyper cube 5, boundary fold of hyper cube 4, domain fold of hyper cube 3 and origin fold of hyper cube 2.
12. Still further, one shall chase quadruple values and features of (4-space) content as dimension fold of hyper cube 6, boundary fold of hyper cube 5, domain fold of hyper cube 4 and origin fold of hyper cube 3.
13. Still further, one shall chase quadruple values and features of 5-space content as dimension fold of hyper cube 7, boundary fold of hyper cube 6, domain fold of hyper cube 5 and origin fold of hyper cube 4.
14. Still further, one shall chase quadruple values and features of 6-space content as dimension fold of hyper cube 8, boundary fold of hyper cube 7, domain fold of hyper cube 6 and origin fold of hyper cube 5.

CONCEPTUAL TERMS

1. Space content playing the role as a dimension fold.
2. Space content playing the role as a boundary fold.

3. Space content playing the role as a domain fold.
4. Space content playing the role as an origin fold.
5. Four consecutive dimensions space content manifesting as a manifestation layer.
6. Dimensional frame of hyper cube n is a set up of N dimension of (N-2) order as (N-2) space content plays the role of dimension of n space,
7. Enveloping boundary of hyper cube N is a set up of 2N bodies of (N-1) space.
8. Domain fold is enveloped with in boundary fold.
9. Domain fold remains integrated in terms of its dimensional frames.
10. Origin of dimension frame and the origin fold gets superimposed upon each other and with it domain fold gets sealed.
11. A sealed and framed domain fold is enveloped by boundary and remains integrated by its dimensional frame with origin of dimensional frame getting superimposed upon the origin fold.
12. Origin fold accepts a base fold for its sustain-ness and base fold becomes the fifth fold of the four fold manifestation layer but same remains in un-manifest form during origin fold itself remaining sealed with superimposition of the origin of the dimensional frame.
13. Domain fold marks its presence in manifested form while origin fold along with base fold marks its presence in its un-manifest form.

■

4

HYPER CUBE FORMAT

1. To appreciate the structural reach-ness of format of 'hyper cube', first of all one shall glimpse and imbibe the values and features of 'dimension fold, boundary fold, domain fold and origin fold'.
2. Then, as a second step, one shall comprehend the virtues of the 'base fold, format fold and unity state' of the set up of sustain-ness of 'hyper cube' itself.
3. This, this way makes it a chase range of 7 steps namely:
 - (i) Dimension (ii) Boundary (iii) Domain (iv) Origin (v) Base (vi) Format and (vii) Unity state.
4. Of these, the first four steps namely dimension, boundary, domain and origin, as well get distinctively grouped as dimension, boundary and domain, as a distinct group and origin in itself also be a distinct group.
5. Origin marks its presence in the set up of the domain in its un-manifests form, as well as in a manifest form.
6. Origin, while in un-manifest form, makes domain in a sealed state.

7. During this sealed state, domain becomes a reservoir of 'push-pull' values balancing themselves and making domain being in an integrated state because of the dimensional frame with its origin superimposed upon origin of the domain, otherwise being enveloped within its boundary fold.
8. With origin fold, in its manifest state, permits transcendence through it for reach at the base of the origin.
9. Hyper cube format being of values and features of Idol of Lord Brahma, as such it makes spatial order 4-space as the source domain of values and features of hyper cube 4 format.
10. With it, the Sadhakas fulfilled with intensity of urge to fully glimpsed and to completely imbibe the values and features of hyper cube 4 format, they shall initiate themselves for this chase along the format of hyper cube 4, as a four folds manifestation layer (2, 3, 4, 5) accepting extension as (2, 3, 4, 5; 6, 7, 8).
11. One may have a pause here and take note that this bring us face to face with 7 steps long range of roles for 2 –space to 8-space contents, as:
 - i. 2-space content manifesting and playing the role of dimension fold
 - ii. 3-space content manifesting and playing the role of boundary fold
 - iii. 4-space content manifesting and playing the role of domain fold
 - iv. 5-space content manifesting and playing the role of origin fold.
 - v. 6-space content manifesting and playing the role of base fold.
 - vi. 7-space content manifesting and playing the role of format of base fold.
 - vii. 8-space content manifesting and playing the role of unity state of format of base fold.
12. Essentially, it is because of the spatial order (2-space) in the role of dimension, and the dimensional frame being a set up of four spatial dimensions, that the 'hyper cube 4 format' covering whole range of hyper cubes, of lower dimensional order or higher dimensional order than that of spatial order, acquire their values and features.
13. The spatial order, with it pair of dimensions makes either of its dimension being the first and other as the second (dimension).
14. It is this feature that either of the pair of dimensions accepts its role as first of the second dimension which makes its values being of a pair of opposite orientation getting superimposed and making it an integrated whole of a pair of halves because of which becomes the availability of a pair of unit namely '2 as 1 and 1 as 2', together making it '1/2' as the working unit of 4-space.
15. One may have a pause here and take note that it is this feature which is the basis base for split of a dimension into a pair of half dimensions and further a split of a dimensional frame into a pair of dimensional frames of half dimensions.
16. One may further have a pause here and take note that it is this value and feature of a spatial order, which is at the basis base of 3 dimensional frames of half dimensions being embedded in the corners point of the cube (hyper cube 3), as well as in the corner point of the square (hyper cube 2).
17. One may further have a pause here and take note that the split of dimension into a pair of half dimensions and the split of the boundary into components double in

number then the number of dimensions are their because of (1/2) as the working unit as resultant of a pair of units (2 as 1 and 1 as 2' supplied by the spatial order of creator's space (2-space as the dimension of 4-space).

18. One may further have a pause here and take note that number value 4 is unique as that:
 - (i) $4 = 2 + 2$.
 - (ii) $4 = 2 \times 2$.
 - (iii) $4 = (-2) \times (-2)$.
19. Here in the context, it also would be relevant to take note that:
 - (i) $0 = 0 + 0$.
 - (ii) $0 = 0 \times 0$.
 - (iii) $0 = (-0) \times (-0)$.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
21. One may further have a pause here and take note that 4-space accepts 2-space as its dimensions and a step head, 2-space accepts, zero space as its dimension.
22. As such, to glimpse the values and features of hyper cube format, one shall not remain up till the dimension fold and to transcendence up till dimension of dimension fold to imbibe the values and features and structural reach-ness of the format of 'hyper cube'.
23. One may further have a pause here and take note that this glimpsing feature of reaching, at first step, form domain to dimension, and as second step from dimension to dimension of dimension, is to be comprehended for its full appreciation as it is in term of its that we shall be having insight reach for the structural reach-ness of the domain fold itself.
24. One may further have a pause here and take note that the domain fold is the space content lump in its manifesting form as domain fold of hyper cube, being the representative regular body of the space.
25. One may further have a pause here and take note that:

'The space content plays its different roles only as in the form of 'manifested space content lumps being domain'.

As such, the insight reach for dimension fold, boundary fold, domain fold, origin fold and a head, in respect of base fold, format of base fold and unity state of format of base fold, as well, is to be faced only in terms of this 'processing technique'.

It would be relevant to take note the this processing technique, at each step is accepting the reached state as of domain fold values and features and a reach from domain to dimension is a reach form domain to dimension as a domain of respective space and a step head, a reach at dimension of dimension is going to be as that a dimension of dimension itself is a domain of the respective space.

26. As origin is of a higher dimensional order than that of domain fold, as such domain fold acquires dynamic state with origin coming in its manifested form of higher dimension order. This brings in transcendence phenomenon for the domain fold through origin fold for its reach at the base fold, and also because of the spatial order availability, the transcendence in reverse order as well may happen as a reach back from base fold through origin fold to the domain fold which will reach up till the boundary fold.
27. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
28. These values and features of format of hyper cube, successfully mathematize chase along artifices of numbers for 'pair of opposite orientation, split and synthesis of dimensional frames, split and synthesis of domains, to fold transcendence, static and dynamic states, curvatures, powers, roots, range of sequential gaps, grids, cells, push-pull reservoir, transformation of reservoirs as a single integrated whole of pair of half domain zones reservoirs of self sustaining format, swapping of space in terms of paired pair of hyper spheres, chase of transcendental carriers through rays of the sun and unified discipline of existence phenomenon of our solar universe and parallel formatting for the existence within human frame and existence within our solar universe.



5

TRANSCENDENTAL ORIGIN

1. Creator's space (4-space) has transcendental origin (5-space) as origin.
2. Hyper cube 4 is the representative regular body of 4-space and it is of a spatial dimensional order (2-space in role of dimension of 4-space).
3. A step head, hyper cube 5 is the representative regular body of 5-space and it is of a solid dimensional order (3-space plays the role of dimension of 5-space).
4. With 5-space, in the role of origin of 4-space, the dimensional order of the origin as such being of solid order becomes of a higher degree than that of 4-space domain which is of a spatial dimensional order.
5. As such, when transcendental origin (5-space as origin) comes in manifest form, it acquires domain of a solid dimensional order and 4-space domain being of a spatial dimensional order acquire a degree of freedom of motion within in 5-space domain.
6. It is this value and feature of 4-space domain transiting and transforming from its static state into dynamic state, which deserves to be comprehended well for its full appreciation.
7. The transition and transformation for 4-space domain from its static state into dynamic state within 5-space domain is the values and feature because of which spatial order set up has transcendental flow with in solid order 5-space domain and it acquires its reach at the base fold of a creative dimensional order.

8. One may have a pause here and take note that, in the process their happen to be a transition and transformation for the spatial order into creative dimensional order (4-space) in the role of dimension of 6-space.
9. One shall sit comfortably and permit the transcending mind to glimpse and to imbibe the values and features of this transcendence phenomenon for the spatial order through transcendental origin as creative order with reach at the base fold.
10. One may further have a pause here and to fully comprehends and to completely imbibe the above feature and value of transcendence through transcendental origin resulting into transition and transformation for the spatial order into creative order with reach at the base fold.
11. 2-space plays the role of dimension as a spatial order and 4-space plays the role of dimension as a creative order.
12. 2-space has dimension creates 4-space domain and 4-space as dimension creates 6-space.
13. It is this sequential reach from 2-space to 4-space to 6-space which is to the format feature of a reach at first step from 2-space as dimension of dimension as to 4-space as dimension and their after at second step their being a reach from 4-space as dimension to 6-space as domain.
14. One may have a pause here and take note that, this value and feature is of reverse orientation than that of a reach from 6-space as domain to 4-space as dimension and a head, from 4-space as dimension to 2-space as dimension of dimension.
15. One may have a pause here and take note that this permissibility of reversal of orientation with in domain (here 6-space) is their because of the spatial order of the dimension (here 4-space).
16. It is this feature, which makes 6-space domain as a reservoir of values and features unifine 'push-pull' values and features because of the spatial order as it dimension of dimension level.
17. The reach of 2-space as dimension of dimension of 6-space domain as values triple (2, 4, 6) in its both orientations (2, 4, 6 and 6, 4, 2) having triple points fixation for each orientation as, first orientation being (i) 2, 4, 6), (ii) (2, 6, 4) and (iii) (4, 2, 6) and for the second orientation (6, 4, 2) as (i) (6, 4, 2), (ii) (6, 2, 4) and (iii) (4, 6, 2), makes a complete fixation for 6-space domain in its 6 ways.
18. With it, the summation value $(2+4+6) = 12$, becomes parallel to 12 components of transcendental boundary (5-space as boundary) of self-referral domain (6-space).
19. It would be a blissful to take note that this value is parallel to transcendental code value of formulation: Rishi, Yog and Shiv.
20. With this the glimpsing and imbibing of the values and features of transcendental origin is to be parallel to the values and features of whole range of formulation accepting transcendental code value 12.

RECAPITULATION

1. Let us recapitulate what we have to learnt in this section.
2. The learning focus of this section, as is its title: 'real 4-space', is upon the reality of 4-space.
3. The format of Idol of Brahma settles format of hyper cube 4 as a four folds manifestation layer (2, 3, 4, 5) of spatial dimensional order, solid boundary, creative domain and transcendental origin.
4. The spatial order settles whole range of hyper cubes, of lower, as well as of higher dimensional orders than that of spatial order itself, as per the values and features of the four fold manifestation format of hyper cube 4 parallel to values and features of Idol of Brahma.
5. One shall glimpse and imbibe the values and features of reality of 4-space.
6. One shall comprehend and reach at settlement of hyper cube 4 as a representative regular body of 4-space.
7. One shall distinctively tabulate values and features of format of hyper cube 4.
8. Let their be distinct tabulation for values and features of spatial dimension, solid boundary, creative domain and transcendental origin of hyper cube 4.
9. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the way Lord Brahma with the grace of Lord Shiv, multiplied as ten Brahmas.
10. It would be a blissful exercise to reach at comparative table of the values and features of Idol of Brahma and values and features of hyper cube 4.
11. One shall enlist the conceptual terms of this section and to write short note on upon each conceptual term.
12. One shall answer short question enlisted in the last section of this book and to evaluate one self of one's learning and understanding of different aspects of reality of 4-space.

ONE SHALL REACH AT ONE'S ON DICTIONARY

1. It would be a very blissful exercise that one reaches as one's on dictionary of the values and feature of reality of 4-space.
2. Let the aim be that every conceptual term finds entry in one's dictionary.
3. One shall continuously up to date one's dictionary by adding every new value and feature of reality of 4-space stands glimpsed and imbibed by the Sadhakas.
4. One shall compare one's comprehension of values and features of 3-space with one's comprehension of values and features of 4-space.
5. Further, one shall sit comfortable and permits the transcending mind to glimpse and imbibe the values and features of reality of 5-space and to compare the same with the values and features of the reality of 4-space.
6. One shall revisit the structural set up of cube (hyper cube 3).
7. One shall revisit the structural set up of hyper cube 4.
8. One shall also attempt to comprehend the structural set up of hyper cube 5.



SECTION 2
SPATIAL ORDER

SPATIAL ORDER

1. Spatial dimensional order
2. Solid boundary
3. Creative domain.
4. Transcendental origin.
5. Creation format

SPATIAL DIMENSIONAL ORDER

GENERAL

1. We are well acquainted with a linear dimensional order.
2. We are also well acquainted with a three dimensional frame of three linear axes of 3-space set up.
3. 4-space set up accepts a dimensional frame of 4 spatial dimensions.
4. We have learnt in previous class as that the domain fold of hyper cube 3 also accepts its structural chase in terms of a three dimensional frame of three spatial dimensions.
5. With addition of 4th spatial dimension their happen to be a transition and transformation from the set up of 3-space domain to set up of 4-space domain.

POINT OF A PLANE

6. Let us have a pause here, and first of all let us re-visit the set up of a plane / square.
7. Each point of a square is structured point.
8. The point of a plane is fulfilled with the structure of plane itself.
9. One may further have a pause here and to compare a point of line (interval) with the point of a plane (square).
10. Point of a line is fulfilled with structure of a line / 1-space content set up.
11. Point of a plane is fulfilled with structure of a plane of 2-space content.

2-SPACE CONTENT

12. One may further have a pause here and to glimpse the distinguishing feature of 1-space content and of 2-space content.
13. 1-space has (-1 space) in the role of dimension while 2-space has (0 space) in the role of dimension.
14. Further as that, dimensional frame of 1-space is a set up of a single dimension of (-1) order / negative linear order, while 2-space accepts a dimensional frame of a pair of dimensions of (0) order.
15. As such, the structure of a point of a plane / 2-space are framed with in a dimensional frame of pair of dimensions of zero order (0 space) playing the role of dimension of 2-space.

STRUCTURE WITHIN 2-SPACE POINT

16. One may have a pause here and to fully glimpse and to completely imbibe this set up of the structure fulfilled within every point of a plane / 2-space.
17. One may have a pause here and to glimpse and imbibe other feature of a square that it accepts domain boundary ratio as $\mathbf{A^2:4B^1}$.
18. Further as that, square splits into quadruple quarter squares.

19. One shall further have a pause here and take note that if 3 out of 4 quarter squares are synthesized together, these automatically bring in fourth quarter square, though in an un-manifest form.
20. It is this value and feature of the set up of square as 3 manifests quarter squares and fourth un-manifests quarter square, which deserves to be comprehended well for complete imbibing and appreciation of this feature of the set up of a square and hence of its each points.

DIMENSION-DOMAIN VALUES PAIR

21. One may further have a pause here and take note that $(n^1+2n^0)^2 = n^2 + 4n^1 + 4n^0$ is parallel to the structural set up of a square of area n^2 , perimeter of length $4n^1$ and 4 corner point $4n^0$.
22. Further $(n^1+2n^0)^1 = n^1 + 2n^0$, which is parallel to the structural setup of an interval of length n and of its boundary as a set up of a pair of end points.
23. This brings to focus the set up of an interval (as an axis / dimension) being a set up of a pair of distinct generic counts of 1-space and 0 space respectively and these together accepts the formulation as only two counts of zero space for all values of n for 1-space count.
24. This brings us face to face with the feature of interrelationship of values $(n, n+2)$, which further brings us face to face with the feature of difference value '2' for all values of n .
25. It is this feature which deserves to be comprehended well, as the feature which holds for every domain within a frame of dimensions and consequential enveloping boundary frame.

GLIMPSE '0 AS 1' & '1 AS 0'

1. Origin in un-manifest form is '0', while origin in manifest form is '1'.
2. Line is of '0' area while line is also of '1' length.
3. Plane is of '0' volume, while plane is also of '1' area.
4. In general, boundary is '0' domain while domain itself is '1' domain.

GLIMPSE '0' & '1'

1. Let us glimpse the equality:
 $N^0 = A^n$.
2. let us further glimpse:
 $(0,1) = (0^1, 1^0)$.
3. Further glimpse:
 $(0 \times 0 \times 0 \dots \times 0) = 0$
 $(1 \times 1 \times 1 \dots \times 1) = 1$
4. Further
 $(0+0+0 \dots +0) = 0$
 $(0 \times 0 \times 0 \dots \times 0) = 0$

GLIMPSE PLANE AS INFINITE POINT

1. Glimpse plane as a set of infinite point permitting organization as a grid of infinite rows and infinite column.
2. Further glimpse plane as infinite points permitting organization as infinite diagonals rows and infinite diagonals columns.
3. One may have a pause here and take note that the same placement of the points of a plane leads to above pair of organizations.
4. The infinite feature of the points of plane leading to above pair of organizations may be viewed as organization manifesting as symbols for addition (+) and as symbol of multiplication (x).
5. One may further have a pause here and take note that the infinite feature of set of point of a plane and the consequential 'nearness' of the points will further make the angle between the diagonals rows and columns being of any value between 0 degree and 90 degree.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

INFINITY (∞) AND ITS SYMBOL

1. Glimpse nearness of a pair of points of a plane.
2. Glimpse structure within a point of a plane as full structure of a plane accepting domain boundary ratio formulation ($a^2:4b^1$) being commonly available for both square and circle being the representative regular body of 2-space.
3. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the script form of symbol of infinitely and its features and values parallel to the paired pair of points of a plane.
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values

SAPTIAL DIMENSIONAL ORDER

1. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the spatial dimensional order features and values shall first of all glimpse and imbibe the feature and values of a plane as a set of infinite point permitting pairing and taming infinity along both axis of the plane remain conscious that zero space is playing the role of dimension of 2-space and a pair of zero order dimensions (axes) of constituting a dimensional frame for 2-space.
2. In the next section, we shall be learning about the dimensional synthesis phenomenon with a focus upon dimensional synthesis of number of dimensions of linear order, as well as the dimensional synthesis of numbers of dimensions of spatial order and sequential difference of dimensional synthesis values in respect of linear dimension and spatial dimensions.

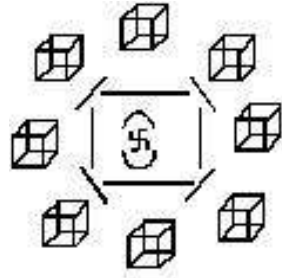
3. Senior Sadhakas shall be chasing further Divya Ganga Parvaha through artifices component of sole syllable being designated and being of features and values of (i) Bindu Sarovar (point reservoir/ structured point) (ii) Ardhmatra (half measure) with Ardhmatra accepting transcendental code value 29 which is parallel to transcendental code value of formulation Vyajan (consonant) and also that transcendental code value 29 is parallel to transcendental code value of formulation Braham, the four head lord, creator's supreme, the over lord of real 4-space of spatial dimensional order. (iii) Tri-Pundram, a synthetic set up of a pair of monad synthesizing as tri-monad. (iv) Swastik Pada /quarter of Swastik / a spatial dimensional frame for the dimension of 4-space.

UPDATE ONE'S DICTIONARY

1. It would be blissful to glimpse and imbibe the features and values of conceptual terms of this lesson and to include them in one's dictionary with one's notes.
2. On second reading of the lesson, one shall further update one's dictionary.
3. Let us this blissful exercise to be under taken at every stage of fresh visit to the lesson.
4. Let this value of continuous evaluation of one's learning be a blissful habit of the Sadhakas to be of same intensity throughout the learning of this course.



SOLID BOUNDARY



GENERAL

1. Spatial order approach to space in terms of a dimensional frame of four spatial dimensions envelops 4-space domain within a solid boundary of 8 components.

DIMENSIONAL FRAME OF SPATIAL ORDER

2. Spatial order, with its dimensional frame of a pair of dimensions of zero order, creates, in terms of its each axis a set up of a four folds manifestation layer (0, 1, 2, 3) of hyper cube 2 with solid origin (3-space as origin).

SOLID BOUNDARY SPLIT

3. A reach in terms of first axis up till 3-space as origin on its re-manifestation along the format of second axis of spatial order again with 3-space origin in its zero value state takes to 3-space as origin.
4. This re-manifestation set up, accordingly spilt solid boundary of 8 components into a pair of part of 3 components and 5 components respectively.

TAKE OFF FROM THE SOLID BOUNDARY

5. With this, the second part which consists of 5 solid components permits take off and their by dimensionalises the outside space being approach in terms of a dimensional frame of 5 solid dimensions.

INWARD AND OUTWARD TRANSCENDENTAL EXPENSION

6. 4-Space has transcendental origin (5-space as origin of 4-space).
7. Take off from solid boundary of hyper cube 4, dimensionalises outside space as 5-space (of solid order).
8. With it, the outward space, as well as inward space of spatial order 4-space is a solid order 5-space.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

CREATIVE DIMENSIONAL ORDER

10. One may have a pause here and to glimpse the set up of inward as well as outward 4-space (domain) being a transcendental space (domain) and 4-space (domain) having a degree of freedom of motion with in a domain and with it role of 4-space domain transition and transform into the role of a creative dimensional order (4-space in the role of dimension of 6-space).
11. One may have a pause here and take note that 4-space plays the role of dimensional of 6-space while 6-space plays the role of origin of 5-space.
12. Further as that, 4-space also plays the role of creative boundary of 5-space.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
14. One may have pause here and to re-visit the emerging set up with the take off of the solid boundary and their by the space , outside , as well as inside getting dimensionalise as 5-space. of solid dimensional order(3-space as dimensions), creative boundary(4-space as boundary), transcendental domain(5-space as domain) and self-referral origin(6-space as origin).

BLISSFUL EXERCISE

1. It would be a blissful exercise to glimpse and chase take off from the solid boundary of hyper cube 4 and transcendental dimensionalization of the outside, as well as inside space.
2. One shall further sit comfortably and to glimpse and to chase the dynamic state of creator's space (4-space) within transcendental domain (5-space) and consequential transition and transformation for the role of 4-space domain into creative

dimensional order of self-referral domain(4-space in the role of dimension of 6-space).

3. It would further be a very blissful exercise to glimpse and to chase solid boundary of 8 components as a format for eight place value systems for organization

7X9 GRIDS

1. It would be a blissful exercise to glimpse and to chase of accommodation of all 63 double digit numbers of eight place value system along 7x9 grids.

3x5 GRIDS

2. It would be a very blissful exercise to chase all 15 double digit number of 4 place value system along 3x5 grids.

■

3

CREATIVE DOMAIN

GENERAL

1. 4-space contents manifests as 4-space domain, designated as creative domain.
2. This domain is enveloped by a solid boundary of 8 components.

ENVELOPED WITHIN SOLID BOUNDARY

3. With the presence an absence of component, it acquire 9 versions as bodies of respective 9 geometries of 4-space.

9 VERSIONS OF HYPER CUBE 4

4. One way to arrange these 9 versions of hyper cube 4 is as per the number of components presence sequence (8, 7, 6, 5, 4, 3, 2, 1, 0).
5. The presence of the component is taken as a signature in token of presence of the same.
6. Accordingly 9 geometries of 4-space are designated as geometries of (8, 7, 6, 5, 4, 3, 2, 1, 0) signature.

PARALLEL TO WAY ARRANGE

7. Another, parallel way to arrange and to reach 9 geometries range is as (-4, -3, -2, -1, 0, 1, 2, 3, 4) signature.
8. This arrangement focus upon the availability of 8 component permits approach at 4+4 organization, an accordingly the absence of 4 component and presence of 4 components become available by having pair of orientation reach from the middle state.

5X5 GRIDS FORMAT

9. This organization leads us to 5x5 grids format of pair of values from first part of four components and from four components of second part respectively, as follows.

(4x4) (4x3) (4x2) (4x1) (4x0)
 (3x4) (3x3) (3x2) (3x1) (3x0)
 (2x4) (2x3) (2x2) (2x1) (2x0)
 (1x4) (1x3) (1x2) (1x1) (1x0)
 (0x4) (0x3) (0x2) (0x1) (0x0)

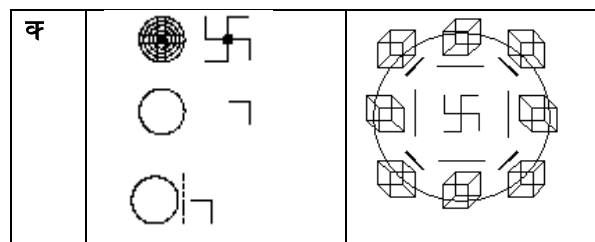
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5X5 VARGA CONSONANT FORMATS

11. The above 5x5 grids format of organization of 9 geometries range and parallel 9 versions of hyper cube 4 provides us 5x5 grids organization of geometric formats supplied by creative domain.

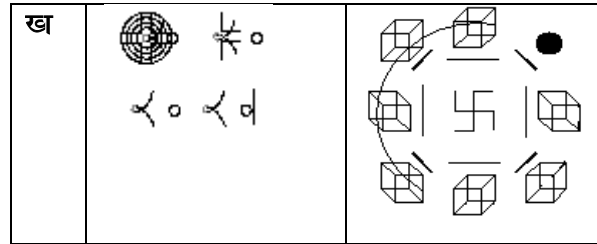
12. This may be glimpsed and imbibed as follows:

Ka (क) first letter of first row

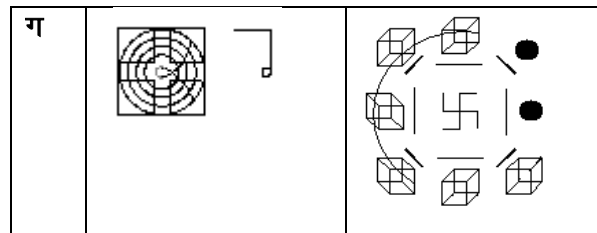


KHA (ख)

Second Letter Of First Row

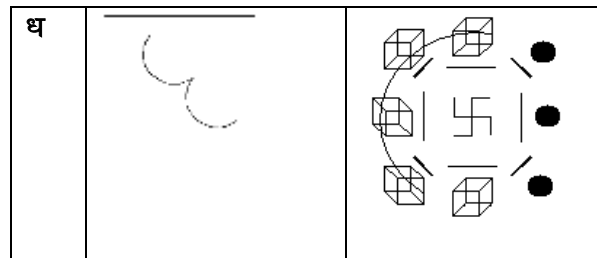


Third Letter Of First Row

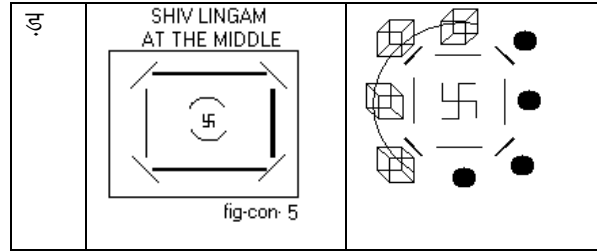


GHA (घ)

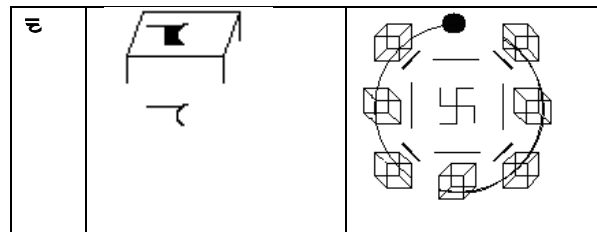
Fourth Letter of First Row



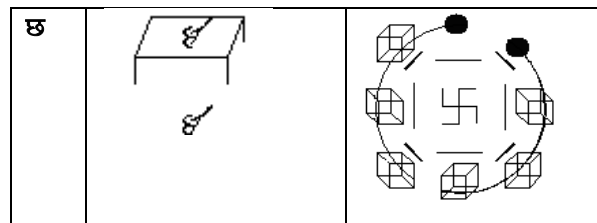
(ङ) Fifth letter of first row



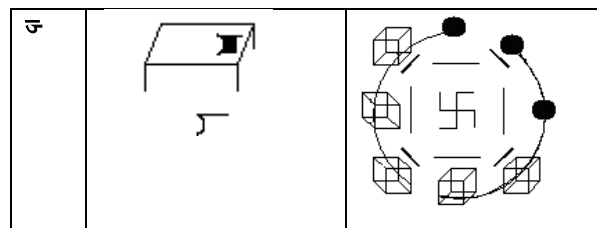
(च) First letter of second row



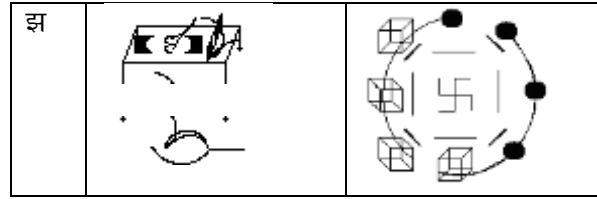
CHA (छ) Second letter of second row



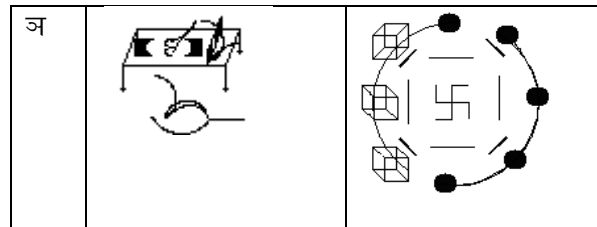
JA (ज) Third letter of second row



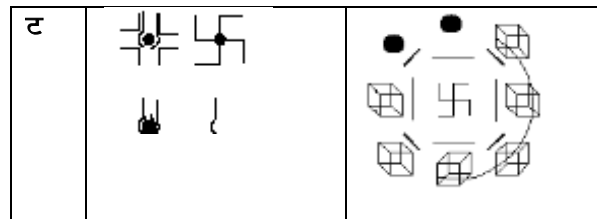
JHA (झ) Fourth Letter of Second Row



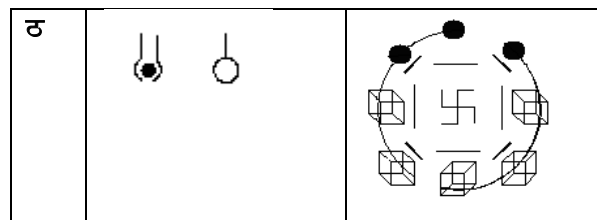
NJA (ञ) Fifth letter of second row



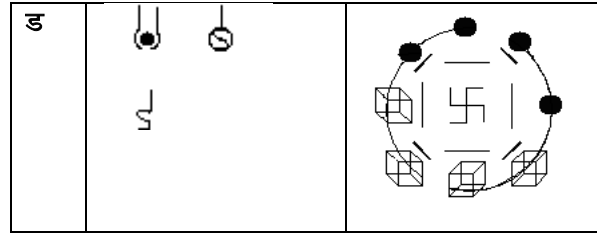
TTA (ट) First letter of third row



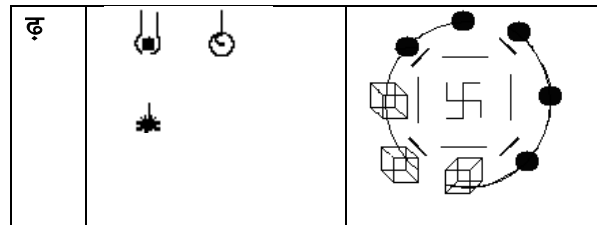
THA (ठ) Second Letter of Third Row



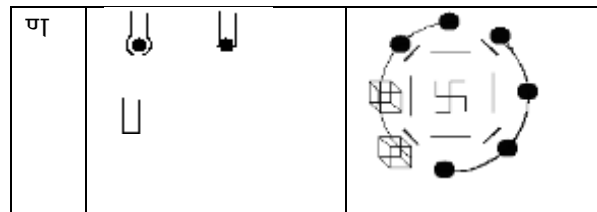
DA (ड) Third Letter of Third Row



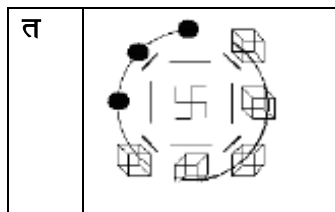
DHA (ढ)



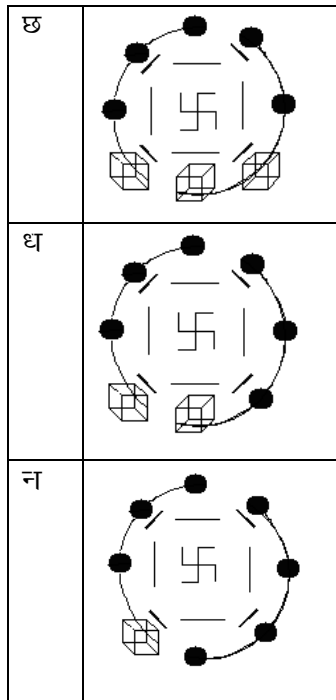
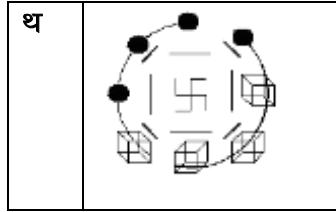
NNA (ण) Fifth letter of third row



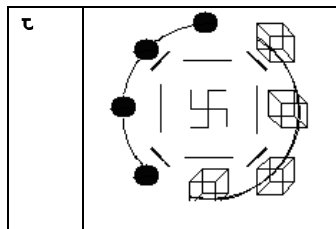
TA (त) First Letter of Fourth Row

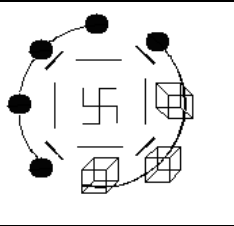
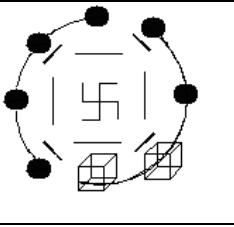
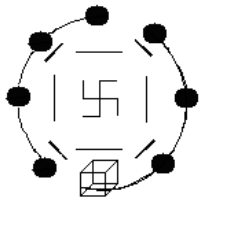
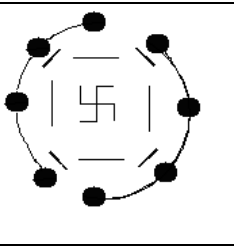


THA (थ) Second letter of fourth row



Fifth row of *varga* consonants



फ	
ब	
भ	
म	

BLISSFUL EXERCISE

1. It would be a blissful exercise to chase 9 vowels range of Devnagri ahlabat along 9 versions of hyper cube 4.
2. It would be a very blissful exercise to glimpse and imbibe the feature and values of each versions of hyper cube 4 in terms of presence of boundary components.
3. Further it would be a blissful exercise to chase each versions of hyper cube 4 in terms of components of its boundary being absent.
4. It would be a very blissful exercise to glimpse and imbibe the version of the hyper cube 4 in which all the eight boundary components are absents.
5. It would be a very blissful exercise to glimpse the way 4-space domain splits and releases its transcendental origins.



TRANSCENDENTAL ORIGIN

1. With creative domain being stripped off, of its all the 8 boundary components, making 9th versions of hyper cube 4 acquires features and values which, with release of seal of superimposition of origin of dimensional frame, acquires a state where in transcendental origin gets released.
2. It is this release feature and value of the set up of creative domain, which recapitalize is it (the creative domain) for its role as a creative boundary (4-space as boundary) of transcendental domain (5-space).
3. Sadhakas fulfilled with intensity of urge to glimpse and imbibe this transcendental features of creative domain shall follow the enlightenment path of lord Brahma of meditating with cavity of own heart and getting multiplied ten folds with the grace of the transcendental lord. The reach from creative domain, as a domain to its role as a creative boundary of transcendental domain, is the reach which deserves to be glimpsed and to be attained by the Sadhakas to full imbibed and to completely appreciate the values and virtues of reality of 4-space.
4. It would be a very blissful for the Sadhakas for continuously remains in prolonged state of trans and to glimpse and imbibe the values and virtues of released transcendental origin.
5. One shall sequentially evaluate the distinguishing feature of reality of 4-space over and above the reality of 3-space.
6. Further, one shall distinctively reach at the values and virtues of transcendental origin as a transcendental domain over and above 4-space as a creative origin of 3 –space and as a creative domain of 4-space.
7. Hyper cubes 3, 4 and 5 deserves to be glimpsed and chased simultaneously in sequential order in four different way, firstly as linear (1-space), spatial (2-space) and solid order (3-space), secondly as spatial (2-space), solid (3-space) and creative boundary (4-space), thirdly as solid (3-space), creative (4-space) and transcendental domains (5-space) and fourthly as creative (4-space), transcendental (5-space) and self-referral origins (6-space).

■

CREATION FORMAT

GENERAL

1. Idol of Lord Brahma is the creation format.
2. Hyper cube 4 becomes the set up of values and features of creation format.

9 VERSIONS OF HYPER CUBE 4

3. 9 versions of hyper cube 4 as a set of 9 bodies of 9 geometries range of 4-space becomes the range of manifestation reach of the creation format.
4. 9 versions of hyper cube 4 retains $(8 + 7 + 6 + 5 + 4 + 3 + 2 + 1) = 36$ numbers of solid boundary components.

STRUCUTRAL SET UP OF SOLID BOUNDARY COMPONENT

5. Each solid boundary component itself accepts 7 versions as 7 bodies of 7 geometries of 3-space.
6. 7 versions of hyper cube 3 accepts $(7 + 6 + 5 + 4 + 3 + 2 + 1 + 0) = 26$ spatial boundary components.

AVAILABLE RANGE OF SPATIAL COMPONENTS

7. This takes us to a range of $28 \times 36 = 1008$ numbers of spatial boundary components.

GLIMPSE AND IMBIBE THE STRCUTURAL RICHNESS

8. One may have a pause here and permit the transcending mind to glimpse and imbibe the richness of the creation format availing, as many as, 1008 spatial bodies.

VEDIC BRANCHES

9. One may further have a pause here and take note that Sam Ved has one thousand branches.
10. The total braches of all the 4 Vedas are $(21 + 101 + 1000 + 9) = 1131 = (1008 + 123)$ and the number value 123 accepts re-organization as $123 = (3 \times 41)$ and the number value 41 is parallel to the reach of a Sathapatya measuring rod is synthesized by hyper cubes 1 to 4 exhaustively swapping 4-space domain along the 3 dimensions of the solid dimensional order of the transcendental origin of creator's space.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features and values of creation format with availability of 1008 spatial boundary components.

REACH FROM SAPTIAL ORDER TO SOLID ORDER

12. The attainment of creation format lies in its reach from spatial order to solid order of its transcendental origin which fountains transcendental values and virtues within the creation domain itself.

BLISSFUL GLIMPSE

13. Sadhakas following the meditation path of lord Braham meditating within cavity of one's own heart attain of transcendental lord who is having blessed grace of self-referral lord Vishnu.

RECAPITULATION

14. One shall recapitulate the features and values of reality of 4-space learned during this section and to re-evaluate oneself about one's comprehension and the imbibing of the same.
15. One shall re-visit each lesson of this section and to glimpse and imbibe the features and values of 4-space reality being focused in each of the lesson of this section.
16. The features and values of 4-space reality being focused in this section deserves to be glimpse and imbibed in continuity of features and values of 4-space reality having already being focus in the lesson of section 1 of this course.
17. The reach of feature and value of reality of 4-space focused in both section 1 and section 2, shall be tabulated in consulted form to have comprehensive view of the same.

BLISSFUL EXERCISES

1. It would be a blissful exercise to update one's dictionary by making entries of the conceptual terms of the lesson of this section.
2. One shall update one's own evaluation of one's comprehension of different features and values of different aspects of reality of 4-space.
3. One shall make one's own essays on different features and values of different aspect of the reality of 4-space having being comprehended, appreciated and imbibed.
4. One shall express oneself fully about one's insight of reality of 4-space.
5. One shall share one's enlightenment about the reality of 4-space.
6. One shall re-visit interval as hyper cube 1.
7. Further one shall re-visit hyper cube 2 format for its structural richness.
8. One shall re-visit cube as hyper cube 3.
9. One shall express fully about the creation format.
10. One shall glimpse and imbibe the features and values of hyper cube 5 being the representative regular body of 5-space manifesting along the creation format of Idol of Brahma.

■

SECTION 3
DIMENSIONAL SYNTHESIS

SECTION 3
DIMENSIONAL SYNTHESIS

6. General
7. Dimensional synthesis
8. Linear and spatial dimensions synthesis values differences
9. Reach at dimensional synthesis values table for all orders
- 10.** Negative dimensional orders and negative numbers of dimensions.

SECTION 3 DIMENSIONAL SYNTHESIS

1 GENERAL

1. Idol of Lord Brahma leads us to format features and values of hyper cube 4, as a four folds manifestation layer (2, 3, 4, 5) / (2-space content in the role of dimension fold, 3-space content in the role of boundary fold, 4-space content in the role of domain fold, 5-space content in the role of origin fold. This set up, fixes upon solid order 5-space in the role of origin).
2. Solid order of 5-space flows out and manifests as a four folds manifestation layer (3, 2, 1, 0)/(3-space content in the role of origin, 2-space content in the role of boundary, 1-space content in role of linear and 0-space content in role of domain.
3. One may have a pause here and take note that (-2) space content plays the role of dimension of zero space.
4. One may further have a pause here and take note that values triples (-2, 0, 2), in the above back ground, bring us face to face with 3-space content at its zero value being sandwiched between the pair of surfaces (2-space body with 3-space in the role of origin).
5. One may have a pause here and to permit one's mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe this feature and its value and to comprehend and to appreciate the virtues of 5-space in the role of origin of 4-space.
6. One may further have a pause here and take note that quadruples values (0, 1, 2, 3) are parallel to four folds manifestation layer (0, 1, 2, 3) of hyper cube 2.
7. One may further have a pause here and take note that hyper cube 2 accepts 5 versions.
8. As such, while 2-space (content) plays the role of spatial dimension of 4-space with 5-space as its origin, this brings in 5 streams set up parallel to 5 versions of hyper cube 2.
9. Here it would also relevant to take note that:
 - i. 2-space as 5 geometries range.
 - ii. 3-space plays the role of dimension of 5-space.
 - iii. 4-space has 5 non negative geometries.
 - iv. Further as that, 4-space is also having, as many as 5 non positive geometries, as well.
10. 5-space accepts 5 distinct role:
 - i. 5-space as transcendental domain of hyper cube 5.
 - ii. 5-spacer as base fold of hyper cube 4.
 - iii. 5-space origin of 4-space.
 - iv. 5-space domain enveloped by 4-space boundary
 - v. 5-space accepting 3-space in the role of its dimensions.

DIMENSIONAL SYNTHESIS

1. Solid order flow as a 4 fold manifestation layer (3, 2, 1, 0) of hyper cube 2 format, when fountains as a pair of flow streams of hyper cube 2 format vizard (3, 2, 1, 0) and (3, 2, 1, 0), the same get synthesized as a four folds format of paired pairs of values: [(3, 3), (2, 2), (1, 1), (0, 0)].
2. One may have a pause here and take note that domain, boundary ratio formulation $a^N:2(N-1)$ brings to focus the split for boundary fold of components, double in number than the number of dimensions.
3. It further brings to focus that the origin of a dimensional frame split each dimension into a pair of half dimensions.
4. This further bring to focus the synthetic set up of a dimension being of 3 components, namely, a pair of half dimensions and synthetic joint of their being the third components of this set up.
5. One may have a pause here and to glimpse and imbibe above feature and to comprehend and appreciate that the synthesis is happening with availability of a third component for the given pair of component. This further brings to focus, and insertion of third point in between a pair of points.
6. It may be appreciated that it amounts to bridging of a gap in between a pair of points by having an insertion of a point, in between the given a pair of points.
7. It may be appreciated that the insertion of a point in the gap amounts to a three point fixation for the gap.
8. This is 'Tri-Pundum' feature of the set up of a sole syllable Om, it may be recapitulated that Bindu Sarovar 'structured point' is the first feature, while Ardh Matra 'half measure' is the second feature, and in the sequence a step head, Tri-Pundram is the third feature.
9. One may have a pause here and take note that it amounts to synthesis of a pair of monads as a tri-monad.
10. In the context, it would be relevant to take note that the sequence of value (1, 2, 3, 4, 5 ...) with insertion of middle values in between the pair of consecutive values of above sequence, shall be leading us to a values sequence (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2, 5 ...).
11. One may have a pause here and take note that a pair of streams of values of above values sequence format (1, 3/2, 2, 5/2, 3 ...) and (1, 3/2, 2, 5/2, 3 ...) shall be leading us to a values sequence (2, 3, 4, 5, 6, 7 ...).
12. One shall sit comfortably and permit the transcending mind to continuous remain in trans and to glimpse and imbibe the above synthesis features of values.
13. This shall be leading us to, following feature:
 - i. Value n as a 3 point fixation leads us to $N = 1 + (N-2) + 1$.

- ii. Above split shall be adding feature to the geometric format of a pair of end points and gap in between them accepting value 1 for the first end point (N-2) for the gap in between for the second end point.
14. When a pair of flow stream emanate from the same origin, each shall be contributing value n and both together shall be leading to value (2N).
 15. However, the outermost end points pair for both steams shall be having a requirement for bridging gap with value (N-2).
 16. When the above gap value (N-2) is taken out of the total value (2N) contributed by the pair of streams, then the net remaining value after bridging the above gap would remain $[2N-(N-2)] = N+2$.
 17. Now if third steam value n also emanate then its free end in the space shall be requiring value (N-2) for its gap in respect of each of the free end points of the first pair of stream.
 18. Accordingly, out of the net value (N+2) + N, contribution is to be made for bridging the pair of gaps with value 2 (N-2).
 19. As a result the net value for the 3 steams will remain $(N+2) + 2 - (N-2) = 6$.
 20. One may have a pause here and take note that:
 - i. At the initial stage of first steam, the net value had been 1.
 - ii. Pair of stream have lead to net value (N+2).
 - iii. Triple steam have lead to net value '6'.
 - iv. A step head, with emanation of fourth steam contribution because of it will be of value N while contribution for bridging the triples gaps will be 3 (N-2).
 21. As such net value of synthesis of 4 streams (dimensions) will be $6 + N - 3(N-2) = 12 - 2N$.
 22. Like that with emanation of additional steam, there will be addition of value N and simultaneously there will be a subtraction of value for bridging one additional gap.
 23. It would be a blissful exercise to reach at net synthesis value for synthesis of whole range of dimensional stream emanating from the origin, and having a complete coverage for the domain fold of the respective origin fold.
 24. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

BLISSFUL REVISIT

1. One shall have a blissful revisit to the above synthesis phenomenon.
2. One shall sequentially chase the steps of above synthesis phenomenon.

CONCEPTUAL EVALUATION EXERCISE

1. One shall evaluate oneself about one's comprehension and appreciation of glimpsing and imbibing of above synthesis phenomenon.
2. Further, one shall revisit and evaluate one's comprehension and appreciation:
 - i. Point as zero space body.
 - ii. Point as zero value state for any dimensional body.

- iii. Point as a structured point.
 - iv. Point as a structured point of a given dimensional domain.
 - v. Point as a Bindu Sarovar (point fulfilled with structure reservoir).
 - vi. Gap between a pair of point.
 - vii. Gap between points accepting insertion of another point.
 - viii. 3 point fixation of the gap in between a pair of points by availing the given pair of point and the point inserted in between the given pair of point
3. First stream emanation from the origin contributes value (N), pair of streams contributes value (N+2, triple steams contribute value 6, quadruple steam contributes value (12- 2N)
 4. Total contribute by second steam only $[N-(N-2)] = 2$.
 5. The total contribution by third steam is $[N- 2 (N-2) = (4-N)$.
 6. The total contribution with addition of fourth stream is (dimension is $[N-3(N-2)] = (6-2N)$.
 7. Total contribution by the Rth stream would be $[N-(R-1)(N-2)] = 2R-2-(R-2)N$.
-

LINEAR AND SPATIAL DIMENSIONS SYNTHESIS VALUES DIFFERENCES

1. Dimensional synthesis values for **linear** dimensions (n =1) gives us a values sequence for single, double, triple, quadruple and higher number of **linear** dimensions as **(1, 3, 6, 10, 15, 21, 28, 36, 45, 55 ...)**.
2. Dimensional synthesis values for **spatial** dimensions (n =2) gives us a values sequence for single, double, triple, quadruple and higher number of **spatial** dimensions as **(2, 4, 6, 8, 10, 12, 14, 16, 18, 20 ...)**.
3. The following tables, enlists the values differences for synthesis of single, double, triple, quadruple and higher number of linear and spatial dimensions.

Number of dimensions	Linear dimension Synthesis Values	Spatial dimension Synthesis values	Difference of synthesis values
1	1	2	-1
2	3	4	-1
3	6	6	0
4	10	8	2
5	15	10	5

6	21	12	9
7	28	14	14
8	36	16	20
9	45	16	27
10	55	18	35
...

4. Let us have a pause here and have a revisit of the sequential range of difference of values of single, double, triple, quadruple and higher number of linear and spatial dimensions synthesis values: **(-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44, ...)**.
5. One may have a pause here and take note that above values sequence has sequential increase at every step, leading to the values sequence: (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, ...).
6. One may further have a pause here and take note that linear dimension synthesis values sequence (1, 3, 6, 10, 15, 21, 28, 35, 44, ...) accepts a reach in following 3 steps:
Step 1 (1, 1, 1, 1, 1, 1, 1, 1, 1 ...)
Step 2 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ...)
Step 3 (1, 3, 6, 10, 15, 21, 28, 35, 44 ...)
7. One may further have a pause here and take note that spatial dimension synthesis values sequence (2, 4, 6, 8, 10, 12, 14, 16, 18, ...) accepts a reach in two steps as follows:
Step 1 (2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 ...)
Step 2 (2, 4, 6, 8, 10, 12, 14, 16, 18, 20 ...)
8. One may further have a pause here and take note that linear dimension synthesis values sequence is reach at 3 steps, starting with as first step as (1, 1, 1, 1, 1, 1, 1, ...).
9. Further, spatial dimensions synthesis values sequence (2, 4, 6, 8, 10, 12, 14, 16, 18 ...) is reached at 2 steps with starting with the first step as (2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 ...).
10. One may further have a pause here and take note that the middle second step (in case of linear dimension, namely the values sequence (1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ...) is the values differences sequences progressions steps for (-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 ...) being the values difference in respect of synthesis of linear and spatial dimensions.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
12. It would be blissful to take note that synthesis values sequence for solid dimensions ($\mathbb{N} = 3$) comes to be (3, 5, 6, 6, 5, 3, 0, -4 ...), and its difference from the dimensional synthesis values sequence of spatial dimensions (2, 4, 6, 8, 10, 12, 14, 16 ...) comes to

- be (-1, -1, 0, 2, 5, 9, 14, 20 ...), which is the same as is the values difference between synthesis values in respect of linear and spatial dimensions.
13. It would be a very blissful to take note that difference value for synthesis values of any pair of consecutive dimensional order say R^{th} and $(R+1)^{\text{th}}$ order will be the same as (-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44, 55, 66, 78, 91 ...).
 14. It would further be very blissful to extend above dimensional synthesis values sequence for $N = 0$, as well as for negative values of N as well.
 15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
 16. One shall evaluate one's comprehension of the above reach of dimensional synthesis values sequence for any dimensional order N , for its positive, zero and negative values for N .
 17. Still further, it would be a very blissful exercise to reach at differences values sequence of dimensional synthesis values for a pair of consecutive dimensional orders.
 18. It would be a very blissful exercise to reach at difference value of dimensional synthesis values of a pair of consecutive dimensional order as: (... -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 ...).
 19. It would further be a very blissful exercise to reach at a complete table of dimensional synthesis values for all dimensional order (positive, zero or negative) for their all numbers of dimensions (positive number of dimensions, zero number of dimensions and negative number of dimensions).
 20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to distinctively glimpse and imbibe the existence of positive number of dimensions, zero number of dimensions and negative number of dimensions.
 21. One shall further glimpse and imbibe the existence of positive dimensional order, zero dimensional order and negative dimensional order. ■

					0	-10	-8	6	32	70
					0	-9	-7	6	30	65
					0	-8	-6	6	28	60
					0	-7	-5	6	26	55
					0	-6	-4	6	24	50
					0	-5	-3	6	22	45
					0	-4	-2	6	20	40
					0	-3	-1	6	18	35
					0	-2	0	6	16	30
					0	-1	1	6	14	25
					0	0	2	6	12	20
					0	1	3	6	10	15
					0	2	4	6	8	10
					0	3	5	6	6	5
					0	4	6	6	4	0
					0	5	7	6	2	-5
					0	6	8	6	0	-10
					0	7	9	6	-2	-15
					0	8	10	6	-4	-20
					0	9	11	6	-6	-25
					0	10	12	6	-8	-30

1. Visit the adjoining table.
2. This table is of synthesis values of orders (-10) to (+10).
3. This table is of synthesis values of zero, one, two, three, four and five number of dimensions of dimensional orders of range (-10) to (+10).
4. One shall fully glimpse and to completely imbibe the above dimensional synthesis values.
5. One shall extend the above table for six, seven, eight, nine, ten and higher number of dimensions of range (-N) to (+N) for N equal to (11, 12, 13, 14 ...).
6. One shall comprehend and appreciate the values differences for (0, 1, 2, 3, 4 and 5) numbers of dimensions of a pair of consecutive dimensional orders which comes to be of the range (0, -1, -1, 0, 2, 5).
7. The sequential values difference of the values of the range (0, -1, -1, 0, 2, 5) comes to be (-1, 0, 1, 2, 3).
8. It would be a blissful exercise to extend above differences values ranges for bigger range of dimensional orders $N = (6, 7, 8, 9, 10)$ and so on.
9. It would be a blissful exercise to extend the above values difference range (-1, 0, 1, 2, 3) on its both sides as (... -10, -9, -8, -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ...) and with its help to complete the above table for negative number of

dimensions for synthesis values in respect of all dimensional order, may it be positive, zero or negative.

10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

EXERCISE TO COMPLETE THE ABOVE TABLE FOR NEGATIVE NUMBER OF DIMENSIONS

1. To complete the table for negative number of dimensions, we have to first of all to revisit the sequence of values differences of synthesis of pair of consecutive dimensional order, which comes to be as under for the zero and positive number of dimensions:
(0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44, 55 ...).
2. The sequential progression of values for the above range of values comes to be:
[(-1, -0) = -1, (-1)(-1) = 0, (0, (-1) = 1, (2 -0) = 2, (5-2) = 3, (9-5) = 4, (14-9) =5, (20-14) = 6, 27-20) = 7, ...].
3. This sequential progression values range comes to be:
(-1, 0, 1, 2, 3,4, 5, 6, 7, 8, 9, 10 ...)
4. The extension of this sequential progression range takes us to:
(... -10, -9, -8, -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ...).
5. This sequential progression range, takes us to the following range which accepts the above progression range of values:
(... 27, 20, 14, 9, 5, 2, 0, 1, 1, 0, -1, -1, 0, 2, 5, 9, 14, 20, 27 ...).
6. One may have a pause here and take note that the emerging sequence of differences value range for synthesis of dimensions of a pair of sequential order, as above, shall be amounting to extension of the values for synthesis of negative, zero and positive number of linear dimensions and for spatial dimensions as follows:

LINEAR DIMENSIONAL SYNTHESIS VALUES SEQUENCE

(... -36, -28, -21, -15, -10, 6, -3, -1, 0, 1, 3, 6, 10, 15, 21, 28, 36 ...).

SPATAIL DIMENSIONAL SYNTHESIS VALUES SEQUENCE

(... -16, -14, -12, -10, -8, -6, -4, -2, 0, 2, 4, 6, 8, 10, 12, 14, 16 ...).

7. It would be a blissful exercise to glimpse and imbibe the above format features of dimensional synthesis value sequences of linear and spatial dimensional orders for negative, zero and positive dimensional order and to complete the following table for negative number of dimensions for all dimensional orders of positive, zero and negative dimensional orders

					0	-10	-8	6	32	70
					0	-9	-7	6	30	65

					0	-8	-6	6	28	60
					0	-7	-5	6	26	55
					0	-6	-4	6	24	50
					0	-5	-3	6	22	45
					0	-4	-2	6	20	40
					0	-3	-1	6	18	35
					0	-2	0	6	16	30
					0	-1	1	6	14	25
					0	0	2	6	12	20
					0	1	3	6	10	15
					0	2	4	6	8	10
					0	3	5	6	6	5
					0	4	6	6	4	0
					0	5	7	6	2	-5
					0	6	8	6	0	-10
					0	7	9	6	-2	-15
					0	8	10	6	-4	-20
					0	9	11	6	-6	-25
					0	10	12	6	-8	-30

8. One shall revisit the above reach of the complete table for whole range of positive, zero and negative dimensional order for positive, zero and negative number of dimensions and to glimpse and imbibe the zone of non negative synthesis values.
9. It would be a blissful exercise to glimpse and imbibe the zone of negative synthesis values.
10. Still further it would be a very blissful exercise to glimpse and imbibe the zone of zero synthesis values.

UPDATE ONE'S DICTIONARY

1. It would be a blissful exercise to update one's dictionary by adding entries of one's comprehension of negative dimensional order features and values.
2. Further, one shall add entry of one's comprehension of negative number of dimensions and their synthesis values for negative dimensional orders in particular.
3. One shall also add entries regarding the zone of positive dimensional synthesis values in respect of negative dimensional order.
4. Still further, one shall also add entries regarding negative dimensional synthesis values for positive dimensional order.
5. One shall express oneself about one's comprehension and appreciation zero as dimensional synthesis value.



NEGATIVE DIMENSIONAL ORDERS AND NEGATIVE NUMBERS OF DIMENSIONS

1. Conceptually positive and negative numbers values are measure chase along the positive and negative orientations format for the domain because of the spatial dimensional order.
2. It is because of the spatial order beginning and end placement at the same 'ment'.
3. For comprehension facility, one may begin moving along circumference from one of its points and one may blissfully reach back at the same point though one may be always moving away from the starting points.
4. This feature and value is no more available while one moves along a straight line to be always away from starting point.
5. It would be a blissful to take note that the pair of orientation format of an interval separates their respective format from (+1) space as domain fold to (-1) space as dimensional fold, and vice versa.
6. A reach from (+1) space as domain (-1) space as dimension is a reach along absolutely different format.
7. As such, negative numbers values have their own mathematics, distinct from the mathematics of positive number of values.
8. To illustrative that let us visit (+3) space and (-3) space.
9. (-3) space takes us to dimension of dimension to dimension of dimensional to +3 space.
10. Accordingly the negative dimensional order and negative number of entities deserve to distinctively comprehended and to be appreciated for their format features and values.
11. The dimensional synthesis phenomenon, as such permits quarter by approach as:
 - i. First quarter to cover the synthesis values for positive dimensional orders for positive numbers of dimensions.
 - ii. The second quarter to cover synthesis values of negative dimensional order for positive number of dimensions.
 - iii. Third quarter to cover synthesis values of positive dimensional order for negative number of dimensions, and
 - iv. The fourth quarter negative dimensional order for their negative number of dimensions.
12. This organization as such is as per the organization of a square as a set up of quadruple quarter squares.

13. Further, this takes us to the set up of Swastik, a set up of a dimensional frame for churning at the centre of square / origin of 2-space having by a quarter by quarter churning motion in its both orientations, as along both faces of a surface.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values. ■

ZERO AS ORIENTATION REVERSAL GATE

1. Let us revisit value zero.
2. $(-0) = (0) = (+0)$.
3. The values triple $(-0, 0, +0)$ brings us face to face with the unique role as for reversal of orientation and that way zero becomes the reversal of orientation gate for organization of positive and negative values having synthesized format of uniform progression throughout at every step of reach as $(\dots -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 \dots)$.
4. This synthetic values format $(\dots -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 \dots)$ binds the differences value arrange for the synthesis of a pair of consecutive dimensional order, which comes to be: $(\dots -20, -14, -9, -5, -2, 0, -1, -1, 0, 2, 5, 9, 14, 20 \dots)$.
5. It would be a blissful exercise to chase sequential progression at each step for the values of above range, as these are and the left and right side of value zero as value of zero dimensional order for zero number of dimensions itself being zero.
6. The sequential value range for the values limb of above range $(-20, -14, -9, -5, -2, 0)$ comes to be $(-6, -5, -4, -3, -2, -1)$.
7. Now, let us considered the value range $(0, -1, -1, 0, 2, 5, 9, 14, 20 \dots)$.
8. It gives us a sequential progression values range $(-1, 0, 1, 2, 3, 4, 5, 6 \dots)$.
9. One may have a pause here and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse as to how the values zero for the zero numbers of dimension is playing the role of a gate for reversal of orientation for the reach at the synthetic continuity of unit value progression at each step on either side of value zero.
10. In reference to above range of the above synthesis phenomenon.
11. It would be relevant to take note that the transition from value zero into a values triples $(-0, 0, +0)$ will help on both side to attain the values triple $(1, 0, -1)$ as progression sequence, in its one orientation and by a reversal of it as $(-1, 0, 1)$ for the other orientation.
12. The uniqueness of value zero in value triple range $(-0, 0, +0)$ speak for itself.
13. It would be a blissful enlightenment that Arthrav Samhita, avails the formulation Sunya, only one's **(14.2.19)** for the value divide of all values; a d-voided state for the void itself.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features and values.



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SECTION 4

DOMAIN SPLIT SPECTRUM

SECTION 4

DOMAIN SPLIT SPECTRUM

11. Domain split spectrum
12. Spectra values range
13. Exhaustion point and reversal of orientation.

14. 4-space domain split spectrum
15. 5-space domain split spectrum

DOMAIN SPLIT SPECTRUM

1

GENERAL

1. Domain fold is the third fold of four fold format of hyper cube parallel to the format features and values of Idol of Lord Brahma, the Over Lord of 4-space.
2. Domain fold is manifested space content which gets enveloped within a boundary and same remain integrated in terms of a dimensional frame with origin of dimensional frame having a seat at the seat origin fold within domain fold.
3. Because of split for the boundary fold into $2N$ components for (N) space domain, it lead to $(2N+1)$ versions of hyper cube parallel to $(2N+1)$ geometries of (N) space.
4. The $(2N+1)^{th}$ versions of hyper cube N being free of all components of boundary makes origin to be released with lifting of the origin of the dimensional frame there from.
5. One may have a pause here and take note that with lifting of the origin of the dimensional frame, and release of the origin fold, the dimensions of dimensional frame split into a pairs of dimensions.
6. As a result of there off, domain itself also split, and transcendence of the dimensional order takes place from the seat of origin fold.
7. The transcendence gives a reach up till base fold.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

2

DOMAIN SPLIT SPECTRUM

1. Domain split phenomenon is of reverse feature than that of dimensional synthesis phenomenon.
2. One may have a pause here and to recapitulate that a pair of dimensions of order than (N) space in the role of dimensions synthesis $(N+2)$ space domain.
3. One may have pause here and take note that a pair of dimensions of order (N) , together contribute value $(N+N = 2N)$, however of this $(2N)$ value, value $(N-2)$ gets absorbed in bridging the gap between the pair of free end points of the pair of dimensions, and thereby there remain a net value $(N+2)$ as the value of the domain standing structure like that.
4. As such, as a reverse process $(N+2)$ space domain splits into a pair of domain of (N) space domain and simultaneously, there also happens to be a release $(N-2)$ space domain in the role of dimension of dimension of $(N+2)$ space.

5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
6. A step head, pair of (N) space domain as well split into 2 pairs of (N-2) space domains, and also there happen to be a release of (N-4) dimensions of dimensions of (N) space.
7. One may have a pause here and take note that, at this stage of split, there emerge, as many as 5 entities / domain of order (N-2) and in addition there would be an availability of a pair of entities / dimension of dimensions of order (N-4).
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format here and to revisit the above split steps for (N+2) space domain.
9. First step led us to a pair of entities /domain of n space, and in addition there also has been a release of (N-2) space as dimension of dimensions of (N+2) space.
10. And second step made has been availability of 5 entities / domain (N-2) space, and in addition there being a release of pair of dimension of dimensions of order (N-4)
11. Before we proceed further, for complete and full comprehension and appreciation of the above pair of split phenomenon, let us tabulate the above emerging feature of the domain split phenomenon as follows as expression of domain split spectrum at initial pair of stage there of:

TABLE
DOMAIN SPLIT SPECTRUM

Stage	Domain	Split Entities	Dimension-Dimension
0	N+2	-	-
1	N	2	1
2	N-2	5	2
3			
4			

12. It would be a blissful exercise to sequentially reach at third and fourth stages of domain split spectrum and to update the above table, which shall be of values as follows:

Stage	Domain	Split Entities	Dimension-dimension
0	N+2	-	-
1	N	2	1
2	N-2	5	2
3	N-4	12	5
4	N-6	29	12

13. It would further be a very blissful exercise to chase the domain split spectrum further for its fifth and sixth, seventh and for further steps, and to extend the above table with appropriate values, which shall be bringing us face to face with the emerging spectrum at different stage as follows:

Stage	Domain	Split Entities	Dimension-Dimension
0	N+2	-	-
1	N	2	1
2	N-2	5	2
3	N-4	12	5
4	N-6	29	12
5	N-8	$2 \times 29 + 12$ $= 70$	29
6	N-10	$2 \times 70 + 29$ $= 169$	70
7	N-12	$2 \times 169 + 70$ $= 408$	169
8	N-14	$2 \times 408 + 169$ $= 985$	408
9	N-16		
10	N-18		
11	N-20		
12	N-22		

FURTHER BLISSFUL EXERCISE

14. One shall visit and revisit above tabulation of domain split spectrum values of spectra at its different stage of split and to comprehend and appreciate the sequential progression of the emerging entities of spectra as domain and as released dimension of dimensions.
15. It would be a blissful exercise to reach at specific tabulation form specific space domains, say $(N+2) = (10, 9, 8 \dots, 11, 12, 13 \dots)$.
16. Here below is reached at domain split spectrum values tabulation for $(N+2) = N$ space domain.

Stage	Domain	Split Entities	Dimension-Dimension
0	10	-	-
1	8	2	1
2	6	5	2
3	4	12	5
4	2	29	12

5	0	$2 \times 29 + 12$ $= 70$	29
6	-2	$2 \times 70 + 29$ $= 169$	70
7	-4	$2 \times 169 + 70$ $= 408$	169
8	-6	$2 \times 408 + 169$ $= 985$	408



RECAPITULATION

1. One shall sit comfortably and to recapitulate the values glimpse and imbibed during this phase of learning about 'domain split spectrum'.
2. 4-space approach is the approach 2-space in terms of a dimensional frame of 4 spatial dimensions.
3. Space as content gets dimensionalized as per the format features and values of 4 spatial dimensions.
4. The emerging domain fold becomes the expression of so framed space as content, designated as 4-space content of value of expression as domain fold of hyper cube 4.
5. With it, 4-space content becomes basic value reservoir entity of 4-space mathematic science and technology.
6. With it, we can be say that 4-space mathematic, science and technology chases and avails this values reservoir.
7. One may have pause here and take note that like domain fold, other fold as well, namely dimension fold, boundary fold and origin fold of hyper cube 4 to infect or values reservoirs entities of 2-space content, 3-space content and 5-space content respectively, as such 4-space mathematics, science and technologies get intimated gets connected to (2, 3, 5) spaces mathematics, sciences and technologies.

■

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SECTION 5

4-SPACE MATHEMATICS SCIENCE AND TECHNOLOGY

2. General
 - IV. Sathapatya measuring rod
 - V. Devnagri alphabet
 - VI. Words formulations
6. 4-space mathematics
 - iii) General
 - iv) Arithmetic 4-space
7. 4-space science

8. 4-space technologies
9. Recapitulate

4-SPACE MATHEMATICS SCIENCE AND TECHNOLOGY

1

GENERAL

1. Point of 4-space is fulfilled with structure of format of hyper cube 4, a representative regular body of 4-space.
2. 4-space domains as 4-space contents points get organize in terms of a spatial order.
3. 4-space mathematics, sciences and technologies, as such may be formula taken as of spatial order value mathematics, sciences and technologies.
4. Spatial order values get interlinked value number 2 and its artifices dimensional frame of 2-space in the role of dimensions and a pair of artifices of number value 2 become parallel to 'complementary and supplementary' processing steps this simultaneous approach of Sankhya Nishtha and yoga Nishtha makes mathematics, science and technologies of 4-space content, a unified discipline of knowledge being designated as '4-space mathematics, science and technology'. The format beneath this unified discipline of knowledge is of the Sathapatya measuring rod.

(I)

SATHAPATYA MEASURING ROD

1. Vedic knowledge systems at settle Sathapatya measuring rod format for organization of knowledge and its processing systems.
2. Sathapatya measuring rod is synthetic set up of hyper cubes 1 to 6 for chase of 6-space domain.
3. Hyper cube 6 itself is a four folds manifestation layer space in role of boundary, 6-space as itself as domain of measure for the Sathapatya measuring rod.
4. This feature further brings us face to face with chase of manifestation of 6-space octant as domain fold within a dimensional frame of 6-space creative dimensions, 4-space in the role of dimensions of 6-space.

4-SPACE AS MEASURE OF MEASURING ROD

1. 4-space domain split spectrum, sequentially takes us to 2-space in the role of dimensions and zero space in the role of dimension of dimensions.
2. With zero space, in the role of dimension of dimensions of 4-space, and as dimensional 2-space brings us face to face with the sequential transcendence steps within 4-space domain.
3. With 4-space as a measure, permitting transcendence and taking us up-till zero space as its dimension of dimensions, is the feature which deserves to be glimpsed properly and to be completely imbibe to have insight and enlightenment about the values and features of 4-space mathematics, science and technology.

4 FOLD SEQUENTIAL STRUCTURAL STREAM

1. Hyper cube being a set up of 4 folds namely dimensional fold, boundary fold, domain fold and origin fold, as such Sathapatya measuring rod format leads to 4 folds structural streams,
 - i. Firstly as of dimension folds of orders $(-1,0,1,2,3,4)$
 - ii. Secondly as of boundary fold of orders $(0,1,2,3,4,5)$
 - iii. Thirdly as domain fold of orders $(2,3,4,5,6)$, and
 - iv. Fourthly as origin fold of order $(3,4,5,6,7)$
2. As such the discipline of Vedic Mathematics, Science & Technology deserves to be distinctively changed along the formats of dimension folds, boundary folds, domain folds and origin folds.
3. Further, as domain fold permits transcendence up-till its dimension of dimension level, accordingly the discipline of Vedic Mathematics, Science & Technology also deserves to be glimpsed and to be imbibed for this format features and values of transcendence with in the domain fold.

DIFFERENT ROLES FEATURE OF SPACE CONTENT

1. Space content manifests as domain fold and place different roles as dimensional fold, boundary fold, domain within domain fold and as origin fold.
2. With permissibility of transcendence at the origin fold, a new generic of roles as base fold, format of base and state of format of base of origin fold also comes into existence.
3. This way 7 distinct role of space content after its manifestation as domain fold, deserves to be glimpsed and chased for complete comprehension and full appreciate of the different aspects of Vedic Mathematics, Science & Technology of the respect dimensional space.

PARALLEL FORMAT FOR ARTIFICES AND DIMENSIONAL FRAMES

1. The parallel format for artifices and dimensional frames help unifie mathematics, sciences and technologies of each space, ultimately for whole range of dimensional space as a single unified discipline of Vedic Mathematics, Science & Technology.
2. This unification leads to a single alphabet for the whole range of values of the discipline of Vedic Mathematics, Science & Technology.

(II)

DEVNAGRI ALPHABET

1. Vedic knowledge system have settled Devnagri alphabet as the alphabet of the discipline of Vedic Mathematics, Science & Technology.
2. This alphabet is of the format features and values, as of nine vowels, 5x5 Vargas consonants, 4 Anthasatha letters, 4 Ushamana letters and 8 Yama letters.
3. This script form of the letter of this alphabet, as well are settled as per the values of Sathapatya measuring rod.
4. Each letter is also attached artifices values as well as dimensional spaces format, as per the format feature values of Sathapatya measuring rod.
5. Values artifices 1 to 9 are associated with vowel 1 to 9, in that sequence and order.
6. Further vowels 1 to 9 are associated dimensional frames of 1-space to 9-space respectively in that sequence and order.
7. 5x5 Vargas consonant with their organization as 5 rows and 5 columns are associated values as follows:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

8. Further first column letters are sequential associated dimensional order (1, 2, 3, 4, 5) respectively, in that sequence and order.
9. Second column letters are sequential associated boundary fold (2, 3, 4, 5, 6) respectively in that sequence and order.
10. Third column letters are sequential associated domain fold (3, 4, 5, 6, 7) in that sequence and order.
11. Fourth column letters are sequential associated origin fold (4, 5, 6, 7, 8) respectively, in that sequence and order.
12. Fifth column letter are associated base fold (5, 6, 7, 8, 9) in that sequence and order.
13. 4 Anthsatha letters are associated values (1, 3, 5, 7) in the roles of reach up-till boundary placement.
14. 4 Ushamana letters are associated values (2, 3, 6, 9) for transcendence from the origin fold for reach up-till base fold.
15. 8 Yama letters are associated value (9, 10, 11, 12, 13, 14, 15, 16) and geometric format as 8 components of solid boundary of creator's space as origin fold.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

(III)

WORDS FORMULATIONS

1. Words formulation availing Devnagri alphabet letters carrying along with them their respective values and format and the same together make the value and format of the word formulation itself.
2. It would be a very blissful exercise to tabulate word formulation of equal values.
3. One shall prepare one own dictionary of the word formulation and to glimpse and imbibe their values and formats.
4. One shall regularly update one's dictionary of word formulations for appreciation of the values and format their off.
5. These word formulations are the formulation of Vedic mathematics, Vedic science and Vedic technologies.



4-SPACE MATHEMATICS

(i)

GENERAL

1. Spatial order of 4-space characterises the distinctive processing steps for 4-space domain.
2. Square (hyper cube 2) as the representative regular body of 2-space, 2-space playing the role of dimensions of 4-space, bring square at the base of the processing characteristics of 4-space mathematics.
3. One may have a pause here and take note that Vargas (square) is the only geometric body formulation which has been availed by the text of Ganita Sutras and Upsutras.
4. With it, Ganita Sutras and Upsutras mathematics becomes the mathematics of 4-space format.

(ii)

ARITHMETIC OF 4-SPACE

1. Arithmetic of 4-space is of a pair of unit '2 as 1 and 1 as 2' leading to '1/2', as a working unit.
2. The numbers range (1, 2, 3, 4, 5, 6 ...) becomes of format (1x1, 1x2, 1x3, 1x4, 1x5, 1x6 ...) in 4-space because of its spatial order.
3. This leads to a pair of values flow format axes (1, 3/2, 2, 5/2, 3 ...) and (1, 3/2, 2, 5/2, 3 ...) as values parallel for the dimensional frame pair of dimensions for spatial order (2-space in the role of dimensions).
4. This leads to a values range (1+1, 3/2+3/2, 2+2, 5/2+5/2, 3+3, ...).
5. One may have a pause here and take note that the mathematics of linear order 3-space (1-space in the role of dimensional of 3-space) becomes the mathematics of ranges (1, 2, 3, 4, 5, 6 ...).
6. A step head, mathematics of 4-space of spatial order (2-space in the role of dimension) becomes the mathematics of value range (2, 3, 4, 5, 6 ...).
7. Further as that, mathematics of 3-space is the mathematics of unit '1 as 1' while mathematics of 4 is the mathematics of a pair of unit '2 as 1 and 1 as 2' leading to '1/2' as a working unit.
8. Further, mathematics of linear order (3-space) is the mathematics of value 1 as a single artifice.
9. On the other hand, the mathematics of a spatial order (4-space) is the mathematics of a pair of artifices.
10. Mathematics of linear order (3-space), is the mathematics of 'length' as a unit.
11. Mathematics of spatial order (4-space), is the mathematics of 'area' as a unit.
12. One may have pause here and take note that 'length' 'area' units are of distinct generic (units).

13. One may have a pause here and take note that n points cover $(N-1)$ linear unit as ' n ' points range is having $(N-1)$ gaps.
14. As such, points count and their gaps counts are a pair of different generic counts. However, when n points are along is circumference, they are having precisely N gaps making points and gaps intervals being equal in number but of different generic (units).
15. It is the distinguishing feature of linear order and spatial order set up which deserves to be comprehended well for their full appreciation. For it 4-space mathematics simultaneously handles boundary and domain. While linear mathematics deals with boundary and domain distinctively.
16. Mathematical notes of linear order mathematics dissolve with availability of spatial order.
17. As such, the mathematical domain of spatial order 4-space mathematics is of much dipper structures than that of linear order 3-space mathematical domain.
18. In fact, spatial order mathematical domain is inclusive of linear order mathematical domain as well.
19. This adds to richness of arithmetic of 4-space.
20. Spatial order supplies algebraic format to arithmetic operation. Further algebraic operation get support of geometric format. still further geometric format themselves, get support of manifestation formats.
21. And, manifestation formats are sustained by the transcendence phenomenon.

3

4-SPACE SCIENCES

1. 4-space sciences avail transcendence features of domain folds.
2. Permissibility of sequential transcendence through domain fold takes from 'matter to frequencies of energies'.
3. The organization of elements along Sathapatya measuring rod format is one feature whose value deserve to be comprehended well to acquire proper insight and appropriate enlightenment about sciences of dimensional spaces.
4. This amounts to a chase of existence phenomenon within frames, including existence phenomenon within human frame.
5. The transformation of space content into dimensional spaces content, is one another feature of science of dimensional spaces.
6. Manifestation of dimensional space content has domain fold and different roles accepted by the domain fold is one another feature of sciences of dimensional spaces.
7. This way, interrelationship of mathematics and sciences becomes the basic aspect for reach from thoughtical model to practical values of sciences.
8. Mathematics deserves to be approach as basis base of sciences and technologies.
9. Science on one hand shares values with mathematics, and on the other hand , science share values with the technologies.
10. 4-space sciences bring us face to face with the transcendence and other aspect of values of 4-sapce domain.

4-SPACE TECHNOLOGIES

1. 4-space technologies work out solid boundary permitting take off for structuring outside space within solid dimensional frame of 5 solid dimensions.
2. 4-space technologies further chase transcendence for the spatial order of 4-space domain through its solid order transcendental origin for a reach at creative order base fold.
3. This pair of outward and inward technologies of real 4-space are of transcendental features and values.
4. Human intelligence field as well is the sublime value of technologies of 4-space.

RECAPITULATION

1. One shall sit comfortably and to permit the transcending mind to glimpse and imbibe the format features and values of hyper cube 4 format.
2. Further one shall follow the enlightenment path of Lord Brahma and to get multiplied with the grace of transcendental lord.
3. It would be a blissful to approach 4-space mathematics, science and technology starting with basis base mathematics of Ganita Sutras and upsutras.
4. Mathematics domain of Ganita Sutras and upsutras, and its processing step deserves to be chased along Sathapatya measuring rod format.
5. Word formulation availing Devnagri alphabet deserves to be availed in terms of their values and geometric format.
6. One shall update one's dictionary of word formulations availing Devnagri alphabet.
7. Sadhakas fulfilled with intensity of urge to completely comprehend and to fully appreciate the reality of 4-space shall initiate themselves with formulation Brahama and to glimpse and imbibe the values of Idol of Lord Brahma.
8. Further Sadhakas shall follow with faith the enlightenment path of Lord Brahma and to be blessed with grace of transcendental Lord Shiv.
9. Following this path, one shall be melting one's mental block of reality of 4-space itself as well, and one shall be of consciousness based intelligence of format and values of transcendental domain (real 5-space).



SECOND PHASE LEARNING FOCUS

CONTENTS

1. General
2. Real 4-space
3. Transition from hyper cube 3 to hyper cube 4.
4. Seventh version of cube
5. Let us revisit hyper cube 3 (cube)
6. 13th edge of spatial format
7. Ninth versions of hyper cube 4
8. Central focus : spatial order
9. Centre of grid zones as corner points of another grid
10. Polygons and internal diagonals

SECOND PHASE LEARNING FOCUS

1

GENERAL

1. Second phase learning and teaching focus upon number value '4' / 4-space / hyper cube 4 format.
2. Previous first phase focus upon the number value '3' / 3-space / hyper cube 3 format.
3. Focus of sub sequent two phases (third and fourth phase) of learning and teaching would be upon number value '5' / 5-space / hyper cube 5 and number value 6 / 6-space / hyper cube 6 formats, respectively.
4. Number value '4' is the first composite number. It has unique feature, which amongst others, are as under:
 - (i) $2+2 = 2 \times 2 = (-2) \times (-2)$.
 - (ii) $2^4 = 4^2$.
 - (iii) $(2 \times 2 \times 2) - (-2 + 2 + 2) = 2$
 - (iv) $(2N) \times (2N+2) \times (2N+4) = (2^4 \times M)$ for all natural numbers values of N and M.
5. 4-space is a spatial order space (2-space plays the role of dimension of 4-space).
6. 4 dimensional frame is a set up of 4 spatial dimensions.
7. Hyper cube 4 is the representative regular body of 4-space.
8. Hyper cube 4 is a 4 folds manifestation layer (2, 3, 4, 5) / (2-space as dimension, 3-space boundary, 4-space domain, 5-space as origin).
9. 4-space is designated as creator's space.
10. Lord Brahma is the over lord of 4-space.
11. Idol of Lord Brahma is of format feature parallel to format feature of hyper cube 4.
12. Lord Brahma is presiding deity of measure of Sathapatya measuring rod.
13. Lord Brahma is a four head Lord.
14. Each head of Lord Brahma is equipped a pair of eye.
15. Lord Brahma sits gracefully upon lotus seat of 8 petals and meditates gracefully with in cavity of his own heart.
16. Within cavity of heart Lord Brahma is the seat of transcendental Lord Shiv.
17. Transcendental Lord Shiv is a five head Lord with three eyes equipped in each head.
18. With the grace of transcendental Lord Shiv Lord Brahma multiply as ten Brahmas.
19. This is parallel to 4-space playing the role of creative boundary of 10 components of transcendental domain (5-space).
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature values of above phenomenon of 4-space.

2

REAL 4-SPACE

1. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the existence of real 4-space.
2. The space around us is a real 4-space with a compactified range of origins.
3. With the real 4-space, 3-space bodies have a degree of freedom of motion which manifest as 13th edges of 12 edged cube.
4. The solid boundary of 8 components of hyper cube 4 accepts fixation in terms of $8 \times 4 = 32$ coordinates of 4 dimensional frames.
5. Mana-Sara, the scripture of Sathapatya up-Ved of Arthrav-ved preserves the manifestation feature of 4-space body set up being of 32 external god and 13 internal god.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature of the set up of hyper cube 4.

3

TRANSITION FROM HYPER CUBE 3 TO HYPER CUBE 4

1. Hyper cube 3 (cube) has 7 versions parallel to 7 geometries range of 3-space.
2. Hyper cube 4 has 9 versions, parallel to 9 geometries range of 4-space.
3. The simultaneous existence of existence during manifestation of hyper cube 4 as 3-space in the role of boundary and 4 –space in the role of domain gives a range of $7 \times 9 = 63$ unit set ups.
4. One may have a pause here and take note that the solid boundary accepts fixation in terms of 32 coordinates within 4 dimensional frames.
5. Further as that, 32 points range covers 31 units range.
6. This as such, brings in the complete range of points and gaps being of value $32 + 31 = 63$.
7. One shall further have a pause here and take note that value $32 = 2^5$ which is parallel to 32 combination of choices from the range (1, 2, 3, 4, 5, 6) of summation value 6 in each case.
8. Still further, $32 - 1 = 31$ is a prime.
9. Further as that cube with its 3 dimensional frames is a structural set up of 31 components (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes and 1 origin (center)).
10. Further as that, 3-space has dimension leads to 6-space as origin of 5-space within creative boundary of 10 components.
11. Still further, as that the third perfect number (496) accepts 9 proper divisors (1, 2, 4, 8, 16, 31, 62, 124, 248) with '31' as the biggest prime divisor of prime proper divisor of '496'.
12. One may have a pause here and take note that 4-space has 9 geometries range, parallel to which are 9 version of hyper cube 4.

SEVENTH VERSION OF CUBE

1. Seventh version of cube is free of all its boundary components.
2. This existence of (7th version of cube) within 4-space is their because of 3 dimensional frame of linear dimension, as well as, 3 dimensional frame of spatial dimensions being their integrating the domain of 3-space body (7th version of cube) as a body of 7th geometry of 3-space.
3. One may have a pause here and take note that 4-space is a spatial order space (2-space in the role of dimension of 4-space).
4. 2-space accepts a Sathapatya measuring rod synthesized by hyper cube 1 and hyper cube 2.
5. It would be a blissful to take note that manifestation of interval and square within a square, will, that way will further manifest interval and square within interval square.
6. Now, let us revisit the set up of 7th version of cube.
7. It is integrated because of a pair of 3 dimensional frame of linear and spatial dimensional respectively.
8. This pair of 3 dimensional frames of 3 linear dimensions and 3 spatial dimensions, with common origin at centre of the cube, as such shall be leading to 13 structural components namely, 1 origin, 6 half linear dimensions, 6 half spatial dimensions.
9. Further as that, the super imposition of linear dimensional frame upon spatial dimensional frame shall be leading to 19 structural components namely (1 centre, 6 half linear dimensions, 12 quarter squares / spatial dimensions).
10. One may have a pause here and take note that this leads to $13+19 = 32$ structural components for interval and square within the interval square while interval will have additional 13 structural components.
11. This will takes us to and total of $13+32 = 45$ structural components, which is parallel to the preservation of Mana-Sara as of 13 interval god and 32 external god.

LET US REVISIT HYPER CUBE 3 (CUBE)

1. Within each corner point of cube is embedded a 3 dimensional frame of half dimensions of inward orientations towards centre of the cube.

2. The other 3 dimensional frames of half dimensions of outward orientation, in respect of all the eight corner points set ups, as such shall be leading to outward fixation for cube in terms of $8 \times 4 = 32$ structural components.
3. Further as that, the internal fixation of domain fold of the cube being in terms of a pair of 3 dimensional frames, of linear dimensions, as well as, of spatial dimensional respectively, the same shall be leading to 13 structural components, namely, (1-origin, 6 half linear dimensions, 6 half spatial dimensions).

6

13TH EDGE OF SPATIAL FORMAT

1. 4-space domain manifests 13th edge of 12 edges cube toward a degree of freedom of motion.
2. 3-space body as a degree of freedom of motion toward 4th dimension.
3. As 4-space is a spatial order space, as such 2-space plays role of dimension of 4-space.
4. Accordingly 13th edge has a spatial format.
5. Moreover, this degree of freedom of motion for 3-space body is available towards each of the 4 dimension of 4-space.
6. With it, 4-space domain has complete swapping in terms of $13 \times 2 \times 4 = 104$ structural components.
7. One may have pause here and take note that NVF (four space) = 104.
8. It would be a blissful exercise to revisit the structural set up of 4-space domain permitting swapping in terms of 13th edged cube with spatial format for the 13th edge.
9. One shall tabulate all these features.
10. Further one shall specifically focus upon the set up of a 4-space domain as 9th version of hyper cube 4 parallel to 9 geometry of 4-space.

7

NINTH VERSION OF HYPER CUBE 4

1. Ninth version of hyper cube 4 is 4-space domain free of all of its eight solid boundary components.
2. One may have a pause here and take note that 4-space domain has 9th version of hyper cube 4 is free of its all eight solid boundary components but is integrated because of its spatial and solid dimensional frame being simultaneously available here.
3. One may have a pause here and take note that 4-space has a transcendental origin.
4. Transcendental origin (5-space as origin) is of a solid order (3-space in the role of dimension of 5-space).

5. 4-space domain itself of a spatial dimensional order while its origin is of a solid dimensional order.
6. This way 4-space domain in the absence of its boundary, as well remain in integrated state because of simultaneous availability of spatial and solid order.
7. 4-space dimensional frame of 4 spatial dimensions and 4 space dimensional frame of 4 solid dimensions, together make a set up which integrates 4-space domain free of this boundary.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe above format feature values organization.

8

CENTERAL FOCUS : SPATIAL ORDER

1. Spatial order is the central focus of this phase of learning and teaching of creative the space.
2. Spatial order means 2-space in the role of dimension.
3. 2-space in the role of dimension takes us to 2-space domain playing the role of dimension.
4. 2-space domain is a 2-space contents lump manifesting as domain fold of hyper cube 2 as a 4 folds manifestation layer (0, 1, 2, 3) of summation value '6' which takes us to spatial boundary of 3-space of 6 components.
5. Spatial boundary of 3-space of 6 components, as such accepts re-organization as $6 = 2+4$ and take off from the spatial boundary manifests as a 4 dimensional frame of 4 spatial dimensions.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of tans and to glimpse and imbibe above features of manifestation of 4 dimensional spaces of four spatial dimensions.
7. One may have a pause here and take note that the organization $6 = 2+4$ and the value 2 square and 4 square, as a jump over 3 square is a feature, which also deserves to be comprehended well and fully imbibed.
8. This also brings face to face with the set up of a pair of grids $N \times N$ and $(N-2) \times (N-2)$ set ups.
9. In case of grids pair 4×4 , 2×2 we can glimpse as that 4×4 grids leads to 3×3 grid zones and this further leads to 2×2 grids with corner points of 2×2 grids getting superimposed upon the corner points of the outer 4×4 grids.
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature.

CENTRES OF GRID ZONES AS CORNER POINTS OF ANOTHER GRID

1. Grids lead to grid zones.
2. Centre of the grid zones coordinate another grid. The centre of grid zones of internal grid, gets superimposed upon the corners of the outer grid.
3. This feature makes a systems of reach from $N \times N$ grid to $(N-2) \times (N-2)$ as of the format of domain , dimension) format of a spatial order, parallel to (domain, dimension) format of liner order $(N, N-2)$.
4. One may have a pause here and one shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature.
5. It would be a blissful exercise to revisit the linear format $(N, N-2)$ of (domain, dimension features, and spatial order format $[N^2, (N-2)^2]$ of (domain, dimension feature).
6. Illustratively for $N = 9$, we shall be have a linear (domain, dimension format) of value pair $(9, 7)$ while in case of spatial order (domain, dimension format) would be parallel to values parallel $(81, 49)$.
7. One may have a pause here and take note that NVF (square) = 81 and NVF (axes) = 49.

10

POLYGONS AND INTERNAL DIAGONAL

1. Triangle is the polygon (surface enclosed within edges, 3) as the first polygon and it has no internal diagonal as each of the 3 vertex is connected with other pair of vertex without being through the enveloped surface.
2. Square is polygon of 4 sides accepting a pair of internal diagonals, both passing through the centre of the square.
3. Pentagon is a polygon of 5 sides and through each of 5 vertex, emanates 3 internal diagonals and all these internal diagonals intersects in such a way that they intersection points constitute internal pentagon concentric with the outer pentagon, and as such none of the internal diagonal pass thought centre of the pentagon.
4. As internal diagonal of a pentagon constitute internal concentric pentagon. With none of the diagonal passing through the centre as such this is to continue add-infinitum.
5. It is this feature which deserves to be imbibed fully.
6. A step ahead, hexagon's internal diagonal as well constitute internal hexagon but only half of the internal diagonals pass through the centre of the hexagon.
7. This way, it would be a blissful exercise to glimpse and imbibe the structural set ups of polygons and their internal polygons and the feature of internal diagonals passing through the centre of the polygons.

VALUES PAIRS $[(N+2)^2, N^2]$

1. $(N+2)^2 = N^2 + 4N + 4$.
2. It is parallel to the geometric set up of a square of side value $(N+2)$.
3. The geometric set up of a square is a structural set up of 4 corner points, 4 sides and 1 area.
4. As such, geometric set up of $(N+2)^2$ is
 - (i) Area N^2 .
 - (ii) Boundary lines for of value $4N$ and
 - (iii) 4 corner points of value 4.
5. $(N+2)^2$ leads to area N^2 .
6. One may have a pause here and take note that $M \times M$ grid accepts M points along each of rows, columns and diagonals.
7. This feature, as such, equients sides and diagonals.
8. With it, the rectangular axis and diagonal axis permit swapping of placements.
9. It amounts to collapse of grid at the centre.
10. It further amounts to superimposition of addition (+) and multiplication (x) operations.
11. With it, the point of a grid zone becomes a structured point such that
 - (i) $0+0 = 0 \times 0 = (-0) \times (-0)$, and further
 - (ii) $2+2 = 2 \times 2 = (-2) \times (-2)$.
12. I brings us face to face with that both 0 and 2 accepts common feature, as much as that, not only, addition (+) and multiplication (x) operation get superimposed in distinguishable, but also the opposite orientation as well gets superimposed in distinguishably.
13. One may have a pause here and take note that 0space plays the role of dimensions of 2-space, while 2-space plays the role of dimensions of 4-space.
14. As such the above feature of superimposition of addition and multiplication operation, as well as, in case of a pair of opposite orientation at spatial dimensional order, as well as at 0 dimension of dimension order and that being so the spatial order becomes of a unique values.
15. One may have a pause here and take note that if centre of a polygon is jointed with a pair of vertex of the polygon, then the first half diagonal will yield value $(N+2)$, the second half diagonal as well would be yielding $(N+2)$ value, and the reach from first vertex to the second vertex will be a travelling value 'N'.
16. One may have a pause here and take note that this will lead to synthesis value $(N+2) + (N+2) - N = N+4$.
17. A step ahead, the reach of 3 half diagonal from centre of polygon to 3 constitute vertex of polygon shall be leading us to value $[(N+4) + (N+2)] - 2N = 6$.

18. A step ahead the synthesis value of 4 half diagonal joining centre of the polygon with four constitute vertex of the polygon shall be leading to synthesis value $[(6)+(N+2)-3N] = 8-2N$.
19. Like that, we can proceed for sequential reach at the synthesis value, as per the following rule:
 Step 1: Reach at value of synthesis of M half diagonal.
 Step 2: Add value (N+2) to the above value.
 Step 3: Subtracted value (M+1)x N form the above value reach at step 2.
 Step 4: Value reach at step 3 is the value of synthesis of (M+1) half diagonal.
20. This way, one can sequentially reach at the synthesis values for every polygon.
21. One may have a pause here and take note that the above values for $n = 1$ would be the sequential synthesis values of linear dimensions of single double triple, quadruple and higher numbers of linear dimension.
22. For $n = 2$ it would be a reach for sequential synthesis of spatial dimensions.
23. A step ahead, for $n = 3$ would be a reach for synthesis values of solid dimensions.
24. And likewise, for $n = (4, 5, 6, 7 \dots)$ there would be a reach for creative (4-space), transcendental (5-space), self-referral (6-space), unity state (7-space) and of higher dimensional orders set ups.

12

SEQUENTIAL SYNTHESIS VALUES OF M NUMBERS OF DIMENSIONS OF ORDER (N AND N+1)

1. The synthesis values of linear dimensions numbering (0, 1, 2, 3, 4, 5, 6 ...) come to be (0, 1, 3, 6, 10, 15, 21, 28 ...).
2. The synthesis values of spatial dimensions numbering (0, 1, 2, 3, 4, 5, 6 ...) come to be (0, 2, 4, 6, 8, 10, 12, 14 ...).
3. The difference values of synthesis values of respective number of linear and spatial dimensions come to be as under (0, -1, -1, 2, 5, 9, 14, 20, 27 ...).
4. One may have a pause here and take note that the above difference values sequence is the differences values sequence of any pair of constitute dimensional order pair (N, N+1).
5. It would be a blissful exercise to tabulate dimensional synthesis values sequences for whole range of dimensional orders N (negative, positive, negative, positive and zero) for whole range of number of dimensions in each case that is for all values of M (negative, zero, positive).
6. It would be a very blissful exercise to reach at above table.
7. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features.

DIFFERENCE VALUE SEQUENCES OF CONSECUTIVE DIMENSIONAL ORDER(S) SYNTHESIS OF EQUAL NUMBERS OF DIMENSION

1. The difference value sequence for (0, 1, 2, 3, 4, 5, 6 and higher number of dimensional comes to be:
(0, -1, -1, 0, 2, 5, 9, 14, 20, 27 ...).
2. Firstly let us notice the sequential differences values of consecutive values of the above sequence (2, 5, 9, 14, 20, 27 ...).
3. This range of value (2, 5, 9, 14, 20, 27) accepts re-organization as:
[(0+2), (0+2+3), (0+2+3+4), (0+2+3+4+5), (0+2+3+4+5+6), (0+2+3+4+5+6+7) ...].
4. It is evident that the differences of values of above ranges for its consecutive pair of values come to be (2, 3, 4, 5, 6, 7 ...).
5. One may have a pause here and take note that this range of values as dimensional orders takes us to sequence of dimensional spaces (4-space, 5-space, 6-space, 7-space, 8-space ...).
6. One may further have a pause here and take note that as the origin constitutes a compactified range, as such this range sequentially unfolds :
 - (i) 4-space
 - (ii) 4-space and 5-space
 - (iii) 4-space, 5-space, 6-space
 - (iv) 4-space, 5-space, 6-space and 7-space
 - (v) And so on.
7. Accordingly there is sequential transcendence of dimensional orders as :
 - (i) Spatial dimensional order
 - (ii) Spatial dimensional order and solid dimensional order
 - (iii) Spatial dimensional order, solid dimensional order and creative dimensional order
 - (iv) Spatial dimensional order, solid dimensional order, creative dimensional order and transcendental dimensional order.
 - (v) And so on.
8. Parallel values sequence comes to be of value as under :
 - (i) Value 2
 - (ii) Value 2+3
 - (iii) Value 2+3+4
 - (iv) Value 2+3+4+5
 - (v) And so on
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting and to glimpse and imbibe the above format features.

1. Counts and gaps counts are of different generic.
2. Counts (1, 2, 3, 4, 5, 6 ...) and their gaps accept counts of different generic.
3. Counts (1, 2, 3, 4, 5, 6 ...) accepts placement of value as under at their middle placement:
(1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2 ...).
4. Taking counts (1, 2, 3, 4, 5, 6 ...) as linear order counts, the gaps counts sequence (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2 ...) is a sequence of counts of axes of spatial order of 4-space.
5. As such, spatial order leads to values sequence (2, 3, 4, 5, 6 ...).
6. One may have a pause here and take note that (5, 6, 7, 8, 9 ...) numbers of dimensions lead to difference values sequences (5, 9, 14, 20, 27, ...) leads us to:
 - (i) $5 = 5 \times 1$
 - (ii) $9 = 6 \times 3/2$
 - (iii) $14 = 7 \times 2$
 - (iv) $20 = 8 \times 5/2$
 - (v) $27 = 9 \times 3$
7. It leads us to the interrelationship of numbers of dimensions sequence (5, 6, 7, 8, 9 ...) and of difference value sequence (5, 9, 14, 20, 27 ...) and gaps counts sequence (1, 3/2, 2, 5/2, 3, 7/2 ...).
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format and features.
9. One shall further revisit the above second phase learning focus steps and to imbibe the same to acquire proper insight and appropriate enlightenment of spatial order creator's space.

SECTION 7

SHORT QUESTIONS AND EXERCISES

VEDIC MATHEMATICS

(Real 4-space)

Short questions and exercises

1. Define 4-space
2. Write short note on real 4-space
3. Define 4-space content
4. Write short note on 4-space content
5. Define 4-space body
6. Write short note on 4-space body
7. Define hyper cube 4
8. Write short note on hyper cube 4
9. Define manifestation layer
10. Write short note on manifestation layer of hyper cube 4
11. Write short note on Idol of Brahma
12. Compare the feature of idol of Brahma and hyper cube 4.
13. Write short note on 'cube is hyper cube 3'.
14. Write short note on '4-space is origin fold of cube'.
15. Write short note on 'Brahma multiplies as ten Brahmas'.
16. Write short note on 'spatial order of 4-space'.
17. Write short note on 'solid boundary of 4-space'.
18. Write short note on 'creative domain of hyper cube 4'.
19. Write short note on 'dimensional frame of 4-space of spatial dimensional order'.
20. Write short note on '9 versions of hyper cube 4'.
21. Write short note on '9 geometric of 4-space'.
22. Write short note on 'spatial dimensions synthesis'.
23. Write short note on 'transcendence through 4-space domain'.
24. Write short note on 'take off at solid boundary of 4-space'.
25. Write short note on 'transcendence through origin of 4-space'.
26. Write short note on 'transcendence from base of hyper cube 4'.

**VEDIC MATHEMATICS
(REAL 4-SPACE)**

EXERCISES

1. Reach at set up of 4-space body.
2. Reach at set up of hyper cube 4.
3. Define representative regular body of 4-space and distinguish it from non-regular body of 4-space.
4. Distinguish between 9 versions of hyper cube 4.
5. Reach at the feature and values of 9 different geometric of 4-space in terms of their respective representative bodies being of 9 distinct versions of hyper cube 4.
6. Chase take off at the solid boundary of hyper cube 4 structuring outside space as of format of hyper cube 5.

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SECTION 8

GLOSSARY AND REFERENCE

VEDIC MATHEMATICS
(Real 4-space)

Glossary
(technical terms)

1. Real 4-space
2. 4-space content
3. 4-space body
4. Hyper cube 4
5. Creator's space
6. Lord braham
7. Idol of lord braham
8. Spatial order
9. Solid boundary
10. Creator domain
11. Transcendental origin
12. Self-referral base
13. Unity state format
14. Natural state
15. Brahman source
16. Linear order
17. Linear dimension
18. Linear dimensions synthesis
19. Spatial dimensions
20. Spatial dimensions synthesis
21. Domain split spectrum.

COUNTS AND MEASURES UNITS

1

COUNTS GENERIC

1. Counts have their sequential generic.
2. First generation counts, countable are initial generation counts, and the same are designated as 0-generic counts.
3. Mathematically these are associated with points (zero space bodies) as objects and are commonly known as count- pebbles.
4. Count-pebbles are physically manifesting has solids.
5. Infect, solid are source reservoir of this generation counts.
6. Being a source reservoir the same is the 'origin'.
7. 0-space as dimension takes us up till 3-space as origin.
8. It are the pair of end values of a 4 fold manifestation layer (0, 1, 2, 3) / (0-space as dimension, 1-space boundary, 2-space as domain, 3-space as origin) of hypercube 2.
9. One may have a pause here and to take note that the square, the representative regular body of 2-space body contents, is of the format of hyper cube 2.
10. One may have a pause here and to take note that origin marks its presence in a sealed state point at the seat of centre of domain fold.

2

POINT AND CENTRE OF A SQUARE

11. Points of the square include centre of the square.
12. However, centre of the square is of distinct feature then that of all other points of the square.
13. One may have a pause here and to take note that centre of the square is a seat of origin of 2-space.
14. As such, it becomes a seat of origin fold of hyper cube 2.
15. As 3-space plays the role of origin fold of hyper cube 2, as such centre becomes a sealed 3-space domain of a zero value.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature and come to face to face with 3-space body at 0 value is marking its presence at the centre of the square.

3

TRANSITIONS FROM 0-GENERIC COUNT TO 1-GENERIC COUNT

17. The values chase of 1-generic count shall be bring us face to face with the set up of 4 fold manifestation layer (1, 2, 3, 4) / (1-space dimension, 2-space boundary, 3-space domain fold and 4-space as origin) of hyper cube 3.

18. One may have a pause here and to take note that cube is a representative regular body of 3-space manifesting along the 4 folds manifestation format of real 4-space as hyper cube 3.
19. It would be a blissful exercise to have a comparative tabulation of feature of square and cube, particularly the centre of the square and of centre of the cube. With this tabulation of comparative feature, one shall be coming face to face with the distinguishing values of 0-generation counts and 1-generation counts.

4

VARGA AND GHAN

20. Varga literally mean square
21. Ghan literally means cube.
22. Formulation Varga accepts transcendental code value 14.
23. Formulation Ghan as well accepts transcendental code value 14.
24. One may have a pause here and to take note that transcendental code value 14 is parallel to number value 14.
25. Further as that, number value 14 accepts re-organization has $14 = (2+3+4+5)$.
26. Quadruples values (2, 3, 4, 5) are parallel to 4 fold of manifestation (2-space as dimension, 3-space as boundary, 4-space as domain and 5-space origin).
27. This 4 folds manifestation is of the format value of hyper cube 4.
28. One may have a pause here and to take note that formulation Anagh also accepts transcendental code value 14 with its transition format value 15.
29. One may further have a pause here and to take note that $14 + 15 = 29$, which is parallel to transcendental code value of formulation Brahma, the presiding deity of real 4-space.
30. One may have a pause here and to take note that square, Ghan, and Anagh are formulation which help us acquire proper insight and appropriate enlightenment about the 4 fold manifestation creation and has sequential dimensional bodies, which also provide the sequential format for chase of values of sequential generic counts.

5

COUNTS AND MEASURE

31. $(N, N+2)$ is a value pair parallel to coordination format of N-space as dimension, $(N+2)$ space as domain.
32. In the relationship, n dimension becomes the format of measure of $(N+2)$ domain.
33. N dimension, as format of measure accepts unit 'N as 1'.
34. With it, becomes inherently availability of values range 1 to N, as well as of $(1/1$ to $1/N)$ has a feature value of the unit for $N = 1$ and responding feature '1 as 1', is uniquely unifie the feature of the unit of 3-space.
35. $N = 2$ leads to the format of unit of 4-space.

36. The unit of 4-space, as such bring us face to face with '2 as 1' and '1 as 2' has a pair of feature of the unit of 4-space.
37. This pair of feature '2 as 1 and 1 as 2' lead to '1/2' as a working unit of 4-space.
38. Likewise, the dimensional unit of other dimensional space, as well are having distinct sets of features.
39. 0-space in the role of dimension of 2-space provide a format for unit of 2-space.
40. These units of 2-space are designated 0- generic counts are simply as counts while units of other dimensional spaces are designated measure.

6

'HALF AS A WORKING UNIT'

41. Measure of 4-space is also designated has a spatial measure parallel to the feature at 4-space has a spatial dimensional order (2-space dimension).
42. Spatial measure is 2-generic counts.
43. To have an insight about the feature of a spatial measure, let us be face to face with the following phenomenon:
 - (I) 0-generic counts takes us up till 3-space as origin.
 - (II) Three points have a pair of gaps.
 - (III) This pairs of gaps, has a next generic point shall be having a single gap of further next generic point.
44. One may have a pause here and to take note that the above reach from three 0-generic counts, the ultimate reach is up till a single 2-generic counts.
45. One may have a pause here and to take note that three 0-generic counts lead two 1-generic counts as same further lead to a single 2-generic count.
46. One may have a pause here and to take note that the above flow of higher generic counts for the start with counts leads to: Two counts of 1-generic and single count of 2-generic.
47. It is this feature which deserves to be comprehended well and to be fully appreciated in reference to the pair of feature of spatial measure: '2 as 1 and 1 as 2'.

7

PAIR OF VALUES FLOW SEQUENCES

48. Pair of feature of spatial measure leads to a pair of values flow sequence to be worked in terms of '1/2', as a working unit:
 - (I) (1, 2, 3, 4, 5, 6 ...).
 - (II) (1, 1+1/2, 2, 2+1/2, 3, 3+1/2 ...).
49. As full units of spatial measure, the above pair of values sequences shall be leading to following pair of values sequences:

(I) (2, 4, 6, 8, 10, 12 ...).

(II) (2, 3, 4, 5, 6, 7 ...).

50. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above features of spatial measure and the working measure of creator's space (4-space).
51. One shall further sit comfortably and permit the transcending mind to chase measure theory developed by modern mathematics availing cartisition product, which remains only up till grid frames while the grid zone remain on unreached.
52. Even the attempt to accept interval has rectangle is not being of any help.

8

HYPER CUBE 1 FORMAT

53. Hyper cube 1 format if four folds format (-1, 0, 1, 2) / (-1-space as dimension, 0-space boundary, 1-space as domain and 2-space origin).
54. The distinctive feature of all the four fold of hyper cube 1, as such, are being not taken care of by the modern measure theory and because of it the reach of modern theory is remaining in capable of transiting form linear measure to spatial measure.

9

TRANSITION THROUGH TRANSCENDENCE

55. Sequential manifestations organization of the 4 folds creation format is of the feature of transition through transcendence from 4 folds manifestation format to five folds transcendental format at the base of the origin fold.
56. In respect of the phenomenon it is unique with the 0-order that five folds transcendence range (0, 1, 2, 3, 4) and the 1-order manifestation layer (1, 2, 3, 4) are of equal summation value.
57. This feature is available in the set up of 0-order, and the same is not available for any other order.
58. This as such, distinguishing 0-order from other entire range of orders (may be positive or negative order).
59. One may have a pause here and to take note that parallel to 0-order are 0-generic counts.
60. Therefore 0-generic counts mathematics has some difficulty for its deciphering out from 1-order, in particular.
61. It is here where only proper comprehension of distinctiveness of 0-generic and 1-generic countable will be helpful to have real demarcation for the roles of 0-generic and 1-generic counts.

10

TRANSCENDENCE FORMAT

62. Transcendence format is five folds format illustratively (15, 16, 17, 18, 19) is a five folds transcendence range here domain (17) permits approach to it from both orientations and values pairs (15, 19).
63. Formulation pairs (Ram, Krishan) with their transcendence code values pair (15, 19) with formulation Atma (TCV 17) will help us acquire proper insight and appropriate enlightenment about transcendence through the manifested creation of format (Sharre of TCV of (14).
64. One may have a pause here and to permit transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe transition through transcendence.
65. In the context the transcendence from 0-generic counts to 1-generic counts with 1-generic counts being gaps counts of 0-generic counts, value $19 = 10+9$ and value $10-9 = 20-19$ will help us acquire proper insight and appropriate enlightenment about the transition through transcendence phenomenon.
66. Formulation pairs Ghana and Ish with TCVs values organizations (3, 1, 7, 1) and (4, 2, 1) will further help us acquire proper insight and appropriate enlightenment about the transition through transcendence phenomenon.
67. Still further, the pair of formulation Ridhi and Sidhi with TCV organization (4, 6, 7, 2) and (3, 6, 7, 2) will further help us acquire further insight and enlightenment about the transition through transcendence phenomenon.
68. Transcendental code values of first letter of 6 Vadakhas has (1, 2, 7, 8, 3, 4) and their pair as (1, 2), (7, 8) and (3, 4) will further help attain further insight and enlightenment of transition through transcendence phenomenon.
69. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature of transition through transcendence phenomenon.

VEDIC MATHEMATICS RESEARCH

1

VEDIC KNOWLEDGE

1. Vedic Mathematics research is to be about 'Vedic knowledge'.
2. The available Vedic knowledge is going to be the starting point.
3. The inner evidence of available Vedic knowledge is to indicate the Vedic Mathematics research lines.

2

VEDIC CLAIMS AND AVAILABLE INNER EVIDENCE OF AVAILABLE VEDIC KNOWLEDGE

4. Vedic claims, may or may not be as per the inner evidence of the Vedic knowledge.
5. As such, every Vedic claim is to be matched with the inner evidence of available Vedic knowledge.
6. This in itself is a Vedic Mathematics research assignment (s).
7. Of the above, the Vedic claim which do not have inner evidence spot, and claims which are not having full spot, make it Vedic Mathematics research challenge assignment.

3

VEDIC KNOWLEDGE SYSTEMS

8. Vedic knowledge systems as well deserve to be as certain with certainty.
9. Further, each Vedic knowledge system deserves to be chased, step by step, as per its processing steps.
10. Still further, the specific processing steps of Vedic knowledge system, deserves to be worked out to reach at their potentialities, as well as limitation.
11. These, and conducted aspects, makes out another Vedic Mathematics research zone.

4

VEDIC MATHEMATICS

12. Vedic Mathematics itself, as a distinct discipline of Vedic knowledge, deserves to be comprehended and appreciated as per the values of Vedic knowledge.
13. The way these values can be glimpsed and to be imbibed, in itself, is going to be a part of Vedic knowledge system themselves, as such, it in itself also becomes a central focus of Vedic Mathematics research.
14. The pure and applied values of Vedic Mathematics, as have reached us distinctively at different phases of time, has is reflected in Vedic literature reaching us and being available with us, that way makes an another, Vedic Mathematics research topic.

5

DORMANT STATE OF VEDIC MATHEMATICS

15. For some centuries, Vedic Mathematics has been in a dormant state.
16. To make Vedic Mathematics, a lively discipline of knowledge, a fresh institutional initiative is required.
17. The way Vedic Mathematics values can be glimpsed and imbibed, and the way these values can be made a learning course for the young minds, and the way Vedic Mathematics become the main stream discipline of knowledge in schools, at all level, is the domain which as well will require a suitable research about its aspects like: (I) settlement of the topic to be taught in different classes. (II) Settlement of class wise Vedic Mathematics text books. (III) Vedic Mathematics teacher training programme. (IV) Evaluation systems etc-etc. as it is envelops finance, and further as, it is to become a subject matter of state policy, as such, government is to accept responsibility. These another connected aspects as well lead to be appropriately research.

6

UNIVERSITY VM COURSE

18. The settlement of university vm courses, in itself in a big assignment.
19. This assignment can be handled on by the expert.
20. It will even bring us face to face with the situated of the need for trainer of trainers.
21. The subject contained and values reach at the university level, will come at the centre of the assignment settlement of university level vm courses.
22. It will raise expectation of spot from the advance research in this domain, as such; research aspect gets inter woven with the learning and teaching at university level.

7

VM ADVANCE RESEARCH

23. Vm advance research, of its own will get inter related to the advance already made during the period; Vedic Mathematics has been in dormant state.
24. Moreover, vm advance research to be futuristic in character.
25. However, the futuristic character will itself also get connected with the way Vedic knowledge has worked out the way the sequential transcending from one vuga state to another vuga state, as well as one kalp to another kalp, Maharishi Ved Vyas re-organize Vedic knowledge.
26. It would be a blissful to take note that Vedic knowledge has been organized 28 times by 28 assignments performance by Maharishi Ved Vyas, sequentially in a range of 28 dwarpur yogas.

27. It would be a blissful to take note that Surya to Braham range is of ends values pair (6, 28), a pair of first two perfect numbers namely (6, 28).
28. It would be a blissful to take note the Vedic systems are inherently potentialised to transcendence to third and onward perfect values format.

8

IMMEDIATE STEPS

29. Those who have the responsibility and those who have the desire to enliven Vedic Mathematics of its original glory, may take following 3 immediate steps
 - (I) To persuade sadhkas to learn and teach Vedic Mathematics at their level on their own indicative, perspectives.
 - (II) Vedic Mathematics school course be introduced school courses for primary, middle and high school level.
 - (III) University shall start Vedic Mathematics P.h.d.course

9

VM OF ORIGINAL GLORY

30. Vedic Mathematics is the basis base mathematics of Vedic knowledge.
31. Shakalas rig Ved Samhita is the source scripture preserving the vm vlaues of original glory.
32. Sadhkas shall sit comfortably and to permit the transcendence mind to continuously in prolonged sitting of trans and to glimpse and imbibe the values of sakalha rig Ved Samhita.
33. For comprehension of pure value for reach at their applied value shall begin with Athrav Ved Samhita.
34. And to have knowledge of working steps, one shall begin with Sathapatya upved of Athrav Ved.
35. And initation format of Sathapatya upved is the format of a Sathapatya measuring rod.
36. Sathapatya measuring rod is a synthetic set up of hyper cube 1 to 6, four folds manifestation layers manifesting along the format of Idol of Lord Brahma, four head lord, creator's supreme, the presiding deity of the measure of Sathapatya measuring rod and over lord of real four space sustaining our existence phenomenon, within and without frame, including human frame and solar universe.

PERFECTION OF INTELLIGENCE

1

INTENSITY OF URGE

1. Sadhkas with intensity of urge to more, not only acquire more knowledge but also, in the process perfect intelligence as well.
2. Intensity of urge know more, inherently puts the Sadhna parallel to the organization of Vedic knowledge, which itself is parallel to intelligence to Nature.
3. When one starts processing parallel to Nature, one inherently puts one's intelligence on the perfection format of the order of the Nature.
4. It would be a blissful to take note that 'knowledge and organization of knowledge run parallel to each other'.
5. As such, the perfection of the scripture lies in the knowledge of this scripture going parallel to the organization of this scripture itself.
6. Going from organization of the scripture to knowledge of the scripture, and back from knowledge of the scripture to knowledge of the scripture will amounts to putting the beginning and end at the same 'ment'.
7. It is this feature of Vedic scripture which distinguishing from other class of knowledge compilation books.
8. Likewise, starting with Devnagri alphabet itself and reach up till Sakhala Rig Ved Samhita are of this organization format feature.
9. It would very be a blissful that Devnagri alphabet is the beginning and ending itself.
10. Likewise, Sakhala Rig Ved Samhita is the beginning and ending itself and beginning with Devnagri alphabet and reaching up till Sakhala Rig Ved Samhita and back from Sakhala Rig Ved Samhita to Devnagri alphabet is sequential internal unfolding of the very feature that at each phase beginning and end thought out remain at the same 'ment'.
11. One may have a pause here and to take note that this feature is there has the manifestation and dissolution of creation or availing format of Idol of Lord Brahma which is parallel to the format of hyper cube 2, a special order format.
12. And the transcendental origin of this format permits transcendence from manifestation format and their by their happen to resultant transition from creation format to its transcendental base.
13. And transcendental base itself takes to its self-referral format, which a step head takes to unity state and the unity state takes to natural reservoir sustained by Brahman source reservoir which itself is lively and is sustained by self sustain par Braham.
14. Sadhkas with their perfection of intelligence of this progression when glimpse and imbibe the values of Vedas they attain the order of the Nature.
15. As such, one course for Sadhkas to perfect their intelligence would be to approach Vedas, the Vedas way of beginning with Vedagas which are 6 in numbers and there beginning and end takes to 'kalap vedaga'.

16. The formulation 'kalap' is sequential composition of 5 letters of transcendental code values (1, 1, 5, 5, 1).
17. In other orientation, this range of values takes us to sequential progression as (1, 5, 5, 1, 1).
18. The formulation 'kalap', sequentially unfolds as: 'k-alap', which literally means k is alap / small, a very small.
19. 'K' means Brahma.
20. 'K' also means Shiv.
21. Brahma is over Lord of 4-space.
22. As such, 4-space is a very small space.
23. Further, 5-space is also a very small space.
24. It has such takes us to 6-space / Surya / Sun – Solar Universe.
25. One may have a pause here and to take note that 6-space has 13 geometries range and parallel to it, there are 13 versions of hyper cube 6, and here transcendental code value of formulation kalap is thirteen.
26. One may have a pause here and to take note that values range (1, 1, 5, 5, 1) is having no singular values (5, 5) of total summation value 10 and it goes parallel to 10 Shalokas values of Gaitika range of 13 Shalokas of Arya Bhatia.
27. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the organization feature of Arya Bhatia of four parts of Shalokas quadruples range (13, 33, 15, 50) of summation value $(13+33+15+50) = 111$, which is parallel to NVF (perfection) = 111. ■

SOURCE MATERIALS FOR SETTLEMENT FOR TEXT OF VEDIC MATHEMATICS BOOKS

1

GENERAL

1. Schooling over 12 years duration is to be covered for teaching the values of Vedic Mathematics.
2. This schooling period is broadly classify as of first five year as primary level classes followed by three year course as middle level schooling and remaining four year get classified as two year course of high school and two year course of higher secondary.
3. Primary (5 years), middle (3 years), high and higher secondary (2 year each) has a time line phased has 4 phases is the one feature of the schooling, which may be adopted in case of learning and teaching of school Vedic Mathematics.
4. Parallel to it, may be phased learning and teaching of Vedic Mathematics has arithmetic on algebraic format, algebra on geometric format and creations as Triloki and Trimurti.
5. Creation has Triloki and Trimurti, as instructions course would be quadruple dimensional spaces (3-space, 4-space, 5-space and 6-space).
6. High and higher secondary schooling of four years duration to sequentially teach (3-space, 4-space, 5-space and 6-space), as a year wise four years phased course.
7. At the end of 12 years schooling, students shall be consciously aware about the mathematical approach for the existence phenomenon of our solar universe.

2

VEDIC GROUP OF SUBJECTS

8. On the lines of medical, non-medical, commerce and social sciences groups, schools and students shall have an additional choice of Vedic group of subject which may include Sanskrit, Vedic Mathematics, computers, astronomy and other two subjects from medical and non-medicals group.

3

SOURCE BOOKS

9. Vedic Mathematics by Swami Shri Bharti Krishna Ji Maharaj and his diaries and the demonstrations of applied values of Ganita Sutras and upsutras are the first category source material.

10. Books and teaching materials of Vedic Mathematics by a team headed by Professor Kenneth Ronald Williams is the source material has another category of source material.
11. Research and books authored by Dr. S. K. Kapoor, (Ved Rattan) about higher dimensional Vedic Mathematics of Sathapatya measuring rod format, is another category of source material.
12. Pingali Shand Vadaga, Lagdh Jyotish Vadaga, Chandagyo Upnashid and Ganita portion of Narad Puran is basic category source material.
13. Surya Sindhata, Arya Bhatia, Lellawati, Beej Ganitm is other basic source category material.
14. Further over 50 years till date, as well as, emerged a topical material, as a category in itself, and the whole material will be highly helpful to settle the first generation text books for school and their by the initiation will be out and the rest will follow with time of its own.

4

TOPICS OF MATHEMATICS

4.1

GANITA SUTRAS AND UPSUTRAS

15. Ganita Sutra and upsutras are the first principle for formatting basic source values of Vedic Mathematics.
16. Formatting of basic source is the first step of mathematics.
17. Mathematics reach at values is as per its formatting of the sources values.
18. Formatted source value makes a formatted mathematical domain.
19. The emerging mathematical domain becomes the availed basic source values.
20. Source values reservoir may be bigger or equal to the mathematical domain and source value reservoir which remain unformatted do not make out the mathematics.
21. As such, Ganita Sutras become the Vedic Mathematical domain parallel to the value domain which stands formatted as Ganita Sutras and upsutras.
22. The formatted values of this domain are as a manifest has values of Ganita Sutras 1 to 16 and Ganita Upsutras 1 to 13.
23. To reach at the values of Ganita Sutras and upsutras one is to reach at the organization format of these sutras and upsutras.
24. However, for this one is to first of all reach at the letters availed by the text of Ganita Sutras and upsutras. As the letters availed by the text of Ganita Sutras and upsutras are letters of Devnagri alphabet, as such one is to glimpse and imbibe the values and formats of the letters being availed by the text of Ganita Sutras and upsutras.
25. With it, Devnagri alphabet, particularly its letters being availed by the text of Ganita Sutras and upsutras becomes the topics of Vedic Mathematics.

4.2

DEVNAGRI ALPHABET

26. Devnagri alphabet is a fully settled alphabet of Vedic systems.
27. The organization format of Devnagri alphabet has specific settlement of values and formats of its every letter and all the letters are also specifically co-ordinate in terms of Maheshwara sutras, which are 14 in numbers.
28. Further there are 10 Saraswati Mantra which settle the NAD flow format along these co-ordination formats of alphabet letters.
29. These co-ordination and flow takes us to flow values for their formatting along Sathapatya measuring rod.
30. Sathapatya measuring rod with Lord Vishnu (over lord of 6-space) as his presiding deity, and lord Brahma (over lord of 4-space) as the presiding deity of the measure of this measuring rod.
31. With it, the Sathapatya measuring rod supplies the formatting base and as such, the Sathapatya measuring rod itself becomes the formatting base and that being so it becomes the Vedic Mathematics topic, to be learned and to be taught.

4.3

SATHAPATYA MEASURING ROD

32. The Sathapatya measuring rod is a synthetic set up of hyper cube 1 to 6.
33. Each hyper cube is a 4 fold manifestation along the format of Idol of Lord Brahma, the over lord of real 4-space.
34. With it, Triloki and Trimurti become the basic phases of manifestation format and each this manifestation phase becomes the distinct topic of Vedic Mathematics.

5

TRILOKI

35. Cube as hyper cube 3 manifestation of 3-space contain as a domain fold with an creator's space is the first aspects of Triloki to be learned as distinct topic of Vedic Mathematics.
36. Further the different roles of 3-space content lump as domain fold are the other aspects of the Triloki which make connected topics of Vedic Mathematics.
37. Amongst others, 3-space has dimensional fold, boundary fold, domain fold, origin fold and base fold are prominent connected topics of Vedic Mathematics.
38. One may have pause here and take note that 3-space content lump manifesting as domain fold and same playing the role of domain fold amounts to manifestation like a cube within a cube, which itself is within 4-space, it is this feature which makes Triloki.
39. It is this mathematical domain which deserves to be glimpse and imbibe fully and same is to worked exhaustively.
40. Learning focus of class 9 is to be upon 'Triloki' / existence phenomenon of cube with in a cube, which leads to the existence phenomenon of compactified bodies and frames including human body and human body frame.

6

CREATOR'S SPACE

41. Real 4-space is creator's space.
42. Vedic Mathematics and present day mathematics of 4-space are conceptually on different format.
43. It is this conceptually features ranges which need be focus more.
44. Real 4-space study is going to be at the centre of learning and teaching during class 10.
45. 4-space is a spatial order space, while 3-space is of a linear order.
46. As such, the transition from linear order 3-space to spatial order 4-space is going to be first topic of learning during class 10 Vedic Mathematics course.

47. 5-space as origin of 4-space and 6-space as domain fold of creative dimensional order (4-space in the role of dimension) are very much the mathematical values of 4-space but the same deserve to be taught specifically as real 5-space and real 6-space mathematics course of class 11 and class 12 respectively.
48. Arithmetic, algebra, geometry and technology of each dimensional space are of distinct values format, and as such 3-space mathematics topics, 4-space mathematics topics, 5-space mathematics topics and 6-space mathematics topics deserves to be tabulated separately.



VEDIC ARITHMETIC

1

VEDIC MATHEMATICS

1. Vedic Mathematics is basis base of Vedic knowledge.
2. Vedic knowledge systems avail basis base mathematics for their organization steps.
3. Organization steps of Vedic knowledge system go parallel to dimensional formats, which further go parallel to artifices of numbers.
4. Artifices of numbers are the central core of basis base mathematics.
5. This as such, becomes the essence arithmetic aspects of Vedic Mathematics.

2

ARITHMETIC ASPECTS OF VEDIC MATHEMATICS

6. Arithmetic aspect of Vedic Mathematics is designated as Vedic arithmetic are simply as arithmetic.

3

ARITHMETIC

7. Arithmetic values are the values of numbers.
8. Virtues of values of numbers are the artifices of numbers.
9. Artifices of numbers run parallel to dimensional frames.
10. Vedic systems simultaneously avail artifices of number and dimensional frames.
11. This is, as per the twin established processing process designated and known as, Sankhya-Nishtha and Yoga-Nishtha.
12. Sankhya Nishtha presumes the existence of geometric format and avails artifices of numbers.
13. Yoga-Nishtha presumes the existence of artifices of numbers and avails dimensional frames.

14. Sankhya-Nishtha and Yoga-Nishtha run parallel to each other and also complement and supplement each other at processing steps.
15. As such, the reach of Vedic arithmetic is the reach of artifices of numbers parallel to dimensional frames.

4

**SYNTHESIS OF ARTIFICES OF NUMBER PARALLEL
TO SYNTHESIS OF DIMENSION**

16. To glimpse the mathematical domain chase in terms of artifices of numbers, one shall simultaneously glimpse the chase of space by approaching it as synthesis progressing steps of dimensional orders.
17. Linear order takes us to 3-space, spatial order takes us to 4-space, solid order takes us to 5-space, hyper solid order-4 takes us to 6-space and so on, in general hyper solid order-n takes us to (n+2 space).
18. 3-space being a linear order space, as such it accepts a 3 dimensional frames of 3 linear dimensions.
19. It is the limit of reach of linear order. Beyond that the play of spatial and higher order dimensional order.
20. 4-space being a spatial order space, as such it accepts a dimensional frame of 4 spatial dimensions.
21. This, that way, takes us 4 steps ahead of the reach limit of 3 steps of a linear order.
22. First 3 steps being of a linear order, the same brings in a set of 3 linear dimensions which sequentially play their role as a single dimension, as a pair of dimensions and as a set of triple dimensions.
23. Likewise, in 4-space their happen to be a play of quadruple spatial dimensional sequentially marking their presence, as a single dimensional, a pair of dimensions, triple dimensions and all the four dimensions.
24. One may further have a pause here and that because of spatial order of 4-space, the first dimension of spatial order brings in the linear order while both the dimension of a spatial order bring in the spatial order itself.
25. With it, both, linear order and spatial order, mark their presence within 4-space and accordingly there happens availability of both 3-space set ups / bodies and 4-space set ups / bodies.
26. Like that, will be arithmetical and geometrical progression at sub-sequent steps of dimensional spaces of solid order and hyper solid orders.
27. One may have a pause here and to take note that these feature will help us comprehend and imbibe the values of arithmetic of artifices of numbers which are of sequential progressive order of ad-infinitum range.
28. One may further have a pause here and to permit the transcending mind to continuously remain in prolonged sitting of *trans* and to glimpse and imbibe the above format features values and virtues of arithmetic artifices of numbers, which transcendence much beyond the numbers values themselves and their arithmetic operations.

29. The distinctiveness of arithmetic operations of numbers values (like addition, subtraction, multiplication, division, power, roots, decimals representation) and of artifices of numbers (like synthesis of dimensional frames of dimensions of same dimensional order, synthesis of individual dimensions of same dimensional order, split of dimensional frames into a pair of dimensional frames of half dimension, split spectrum of dimensional domain, simultaneous availability of dimensional frames of same numbers of dimensions but of different dimensional order and of mixed dimensional orders etc. which amongst others, specifically bring in reflection operation along any direction and further the phenomenon like manifestation, re-manifestation and dissolution of dimensional domain along the transcendence format).

5

ARTIFICES ORGANIZATION FORMAT

30. Artifices organization format sequentially takes us from artifices arithmetic to dimensional algebra and dimensional algebra takes us to manifestation format geometry which further takes us to transcendence base which further takes us to self-referral format of unity state of Natural values reservoir sustained by Brahman source reservoir.
31. Beginning with linear order and reaching up till Brahman order is the whole range organization format of artifices arithmetic.

6

SIDHNTAS

32. Sadhkas are initiated for reach to Vedas beginning with Vedagan.
33. Of Vedagan, Jyotish Vedagan is formatted along the basis base mathematics.
34. Of different Sidhnata of basis base of formatting Jyotish Vedagan the first is 'Braham Sidhnata'.
35. Sidhnata literally means establish principal.
36. As such, the first establish first principle basis base mathematics being availed for formatting Jyotish Vedagan is Braham Sidhanta.
37. Basis base value of this formatting is 'Braham-Ank'.
38. Braham-Ank is parallel to 'Nav Braham'.
39. One may have a pause here and to take note that Nav means new, and Nav also means nine.
40. As such, Nav Sidhanta literally means establish principal of value 9.
41. This, this way, takes us to artifice 9 and parallel to it 9 dimensional frame and 9 dimensional domain framed within 9 dimensional frame. It is of the mathematics of format of number value 9 permitting approach along 9-space format has 9-space domain within a dimensional frame of 9 dimensions of unity state dimensions with it

- the arithmetic of artifices becomes a mathematical domain of reach in terms of 9 dimensional frame of 7-space in the role of dimensions.
42. It is this feature of this dimensional frame of 9 dimensions with each dimensions being a unity state dimension (7-space in the role of dimensions) lively at the base of organization of Ganita Sutra 1, a composition of towards 9 and 7 letters respectively.
 43. It would be a blissful to take note that, there are 16 sutras parallel to the composition range of 16 letters of Ganita Sutra 1.
 44. One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above organization format feature of artifices of as and along Braham Sidhanta and to comprehend arithmetic domain being of processing steps of Ganita Sutra along the geometric format of 6-space dimension reaching up till 9-space origin as 9-space domain framed within a 9 dimensional frame of 9 dimensions of unity state (7-space in the role of dimension).
 45. One may have a pause here and to take note that this makes a system beginning with a 6-space as dimensional and reaching uptill 7-space as dimension.

7

BRAHAM SIDHANTA TO SURYA SIDHANTA

46. Transcendental code of formulation *Nav-Braham* is $17+28 = 45 = (1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9)$.
47. TCV value of formulation *Nav* = 17 is parallel to TCV value of formulation *atama*.
48. Further as that, $17 = (2 \times 8 + 1)$, which is parallel to the 17 geometry range of 8-space with 9-space as origin and there are 17 version of hyper cube 8.
49. Transcendental code value of formulation *Braham* = 28, which is parallel to number value 28 being the perfect number.
50. One may have a pause here and to take note that 6 is the *Surya Ank*.
51. Further as that, $(2 \times 6 + 1) = 13$, is parallel to 13 geometry range of 6-space and parallel to it, there are 13 versions of hyper cube 6.
52. Still further as that, (6, 7, 8, 9) is the four folds manifestation layer of hyper cube 8 with 9-space as origin.
53. Take off at 7-space boundary of hyper cube 8 shall be structuring outside space has 9-space.
54. There for Vedic system works out Surya to Braham domain along the artifices pair (6, 28), a pair of consecutive perfect numbers.
55. As such, the arithmetic of artifices exhaustively covers the Vedic knowledge domain along the artifices of numbers 1 to 9, which otherwise play the role of numeral of 10 place value systems.
56. One may have a pause here and to take note that Ganita Sutra 1 with its structural key preserved in its very first letter, 6th vowel of format of 6-space dimensional frame and of value 6, being the first perfect number.
57. A transition from Ganita Sutra 1 to Ganita Sutra 2 attains organization of 10 place value system of 9 numeral ranges.

58. It would be relevant to take note that the second letter of text of Ganita Sutra 1 is the Varga consonant, 'k' which means 'k' Brahma, 'k' Shiv.
59. It would be a blissful to take note that the placement of first Varga consonant se immediately sub-sequent to nine vowels makes its placement as the 10 placement.
60. Further as that, creative boundary of 5-space of 10 components while 4-space itself has 9 geometries range.
61. One may have a pause here and to permit the transcending mind to continuously remain in prolonged sitting of *trans* to glimpse and imbibe the above value of reach to the arithmetic domain by approaching it sequentially in the order and in terms of the values and processing steps of Ganita Sutra which at the stage of Ganita Sutra 1 provides us sequential ordering as unit by unit, and Ganita Sutra 2 provides organization for the whole range of counts and units in terms of place value system and this chase deserves to be continued up till the last sutra and last upsutra.

8

APPROACHING ARITHMETIC DOMAIN BY GANITA SUTRAS AND UPSUTRAS

62. Ganita Sutras are 16 in number while Ganita upSutras are 13 in number and these bridges the gaps of Ganita Sutra.
63. Ganita Sutra 1 is the source and Ganita Upsutra 1 is the source upsutra.
64. Ganita Sutra 1 supplies the rule of ordering while Ganita Upsutra 1 supplies the rule summity.
65. Ordering and summity are the basic working rules of Vedic Mathematics, including arithmetic.
66. This ordering and summity rule, on their repeated applications lead us to the basic values of artifices of numbers.
67. These further lead to artifices strings.
68. Illustratively linear order and spatial order make a string.
69. Linear order, spatial order and solid order further make a string.
70. Linear order, spatial order, solid order and hyper solid-4 (creative order) make a further string.
71. Working with artifices string is the basic working methodology of arithmetic of artifices.
72. These avail the formats of Sathapatya measuring rod of dimensional spaces.
73. Symmetrical classification of strings and the sequential progression relationship of odd order artifices and even order artifices make a mathematics of synthesis of artifices of numbers.
74. Parallel geometric format of linear and odd orders of dimensional spaces on the one hand, and the spatial and even order dimensional space on the other hand give a further reach to the mathematics of artifices of number.

75. Powers and roots lead to formats of polynomials and their factorization and with it arithmetic operations get algebraic format approaching arithmetic along algebraic format and algebraic format further accepting geometric format and also their being a direct relationship of artifices of number of dimensional frame makes arithmetic operation of simple steps.
76. Moreover, there appear multiple options for same arithmetic operations.
77. Still further, arithmetic operation reach goes parallel to the reach of algebraic and arithmetic formats.
78. With it, every geometric format, as well as algebraic format permits reach in terms of arithmetic operations.
79. Accordingly the applied values of arithmetic operations emerge to be of very big mathematical reach. This reach also comes to be the reach for algebra along arithmetic format.
80. Still further, geometric as well becomes a set of arithmetic operations.
81. It would be a blissful to take note that geometry permits approach on creation formats and, on the other hand the manifestations along creation format permit a chase for geometries.
82. With it, arithmetic reach takes uptill manifested creation along creation formats as well.
83. Arithmetic reach does not stop up till chase of manifested creation along creation format as transcendence through manifestation as well accepts chase in terms of artifices of numbers parallel to respective dimensional frames and their by the reach of arithmetic goes up till transcendence domains and further up till formats of transcendental domains, states of self-referral formats of transcendental domains and even a step ahead up till the natural reservoir of values sustaining to the unity state of self-referral format of transcendental base of creative origin of manifested domain of respective dimensional order.
84. One may have a pause here and to permit the transcending mind to continuously remain in prolong sitting of *trans* and to glimpse and imbibe these features of arithmetic of artifices of numbers parallel to dimensional frames.

9

GANITA PADA OF ARYA BHATYA

85. To appreciate the arithmetic of Arya Bhatya, one shall first of all have a glimpse of organization feature of Arya Bhatya itself.
86. This scripture unfolds with obeisance to Param Braham.
87. Upnaished enlightenment is that 'Braham' permits its comprehension and approach being Pada wise approach.
88. Parallel to it Arya Bhatya is organizing as quadruple Padas (quarters).
89. Sholkas range of these quadruple quarters is (13, 33, 15, 50) of total summation value 111.
90. Number value 111 permits re-organization has $111 = 3 \times 37$.

91. One may have a pause here and to take note that number value 37 is of the expression format of formulation *trishetab*.
92. The formulation *trishetab* accepts transcendental code value 38 and the range of 38 points covers a range of 37 units.
93. The formulation *vishwab* accepts transcendental code value 33.
94. One may have a pause here and take note that the second quarter of Arya Bhatia namely Ganita Pada is of 33 Sholkas range.
95. One may further have a pause here and to take note that values range with end value pairs (33, 37) takes us to transcendental values range (33, 34, 35, 36, 37) of hyper cube 35 and the number value 35 permit re-organization $35 = 5 \times 7$, the value of transcendental order (5-space as dimension) which itself is solid order and the dimensional value of solid order dimensional frame of transcendental domain is '15' which is the Sholkas range of 3rd quarter of arya Bhatia namely Kal Kirya Pada, chase along timeline within creator's space (4-space).
96. It would be a blissful to take note that 5-space plays the role of origin of 4-space and 4-space itself accepts creative boundary (4-space as boundary) of 10 components which accepts fixation in terms of 50 coordinate parallel to which is the 50 Sholkas range of 4th quarter (Gola Pada of Arya Bhatia).
97. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above organization features of Arya Bhatia has a chase of 4-space domain initiation with 13 edges cube and a split of a 3 dimensional frame into a pair of 3 dimensional frame of half dimension of placement coordinated by the origin, as a seat of transcendental domain enveloped firstly in terms of a solid dimensional frame of 5 dimension and secondly by a creative boundary of 10 components accepting fixation in terms of 50 coordinate.

10

MATHEMATICS VALUES OF GANITA PADA

98. The mathematics value of Ganita Pada of Arya Bhatia will help us comprehend and appreciate the way basis base mathematics of Vedagas Jyotish (Lagadh Vedaga) availing formatting of values by Ganita Sutras and upsutras are the basis base here as well for chase of arithmetic operation numbers values to handle powers and roots etc.

11

ARYA BHATIA CODE VALUE

99. Shaloka 2 of first quarter (Gitika Pada) of Arya Bhatia gives the code value for reach at astronomical figures.
100. It is blissful that very big numbers are being conveniently handle, which otherwise may require computers programming.

101. One shall imbibe the feature of this technique to reach at the values of Shalokas 3 and to reach one's arithmetic skill. ■

ARITHMETIC TOPIC

1

TWO GROUP OF TOPIC

1. Arithmetic topic may be broadly grouped as group one topic of operations are numbers, and group two as operation on artifices on numbers.
2. The group one topic (operation are numbers) are parallel to operations in the domain fold, while the group two operation (operations on artifices of numbers) are the operations parallel to operation of dimensional orders/ dimensional frames and individual dimensions parallel to artifice numbers.
3. Group one topic are designated as numbers values operations topics and group two topic are designated as artifices of numbers operations.
4. Number and artifices of numbers are interrelated and interwoven like domain and dimension.
5. Further as there may happen to be domain within domains like interval, square and cube within a cube, as such there emerges a third group of operations of format feature of transcendence within compactified state of domains.
6. It is this group three of operation which takes us to the level artifices of artifices, parallel to dimensions of dimension.
7. In a way, it may be viewed that group one is a group of operations in terms of a 'unit', leading to linear order set up of 3-space domain while group two goes parallel to spatial order 4-space domain and group three leads to solid order transcendental domain (5-space).
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of *trans* and to glimpse and imbibe the existence phenomenon of compactified state domains.
9. Illustratively, the existence phenomenon within human frame is of the format feature of human body being a compactified state domain.
10. Seeds of trees or another illustrative set up of compactified state existence phenomenon.
11. The chase of unfolding of compactified states as synthetic phenomenon along Sathapatya measuring rod format, becomes the ultimate reach of Vedic arithmetic.

2

GROUP ONE OPERATION

12. Our popular arithmetic operation (addition, subtraction, multiplication, division, powers, roots, decimals representations are covered as group one operations.
13. The multiple way, in which these operation can be performs is the reach of Vedic system by approaching these operations on algebraic formats.

3

ARITHMETIC OPERATIONS ON ALGEBRAIC FORMATS

14. Swami Bharti Krishna Ji Maharaj have illustrative and demonstrative has to how these operations can be worked out with much is by approaching numbers digit by digit and place value format being parallel to format of equation with coefficient being numerals/digit the algebraic format. ■

PANCHI-KARAN

1

5X5 GRIDS

1. Numbers values restrict us up till 5x5 grids.
2. To transcendence grid zones we have to transcendence through centre of the zones availing the artifices formats of numbers values.
3. Grid simple frames zones.
4. Zone area / surface framed like a square / rectangle / polygon behaves like a framed domain.
5. There happen to be a two folds frame, firstly because of linear boundary of 4 components and secondly because of a 2 dimensional frames of zero dimensional order.
6. Numbers values lead to matrices, coordinates, vectors, portions which because of their inherent limitation. Though avail limit, continuity and derivative, integration and connected differential equations set ups but depict all that the emerging measures stand restricted and confined to grid surfaces.
7. Even a reach, by availing orientations to the opposite face of the surface, the space and content in between the pair of faces of the surface and elude of these mathematical tools.
8. It is only the format of artifices of numbers, which in case of 2-space is 0-space, which can help 3-space reach as origin fold of hyper cube 2 with 0-space in the role of dimension.

2

QUADRUPLE QUADRUPLES VALUES

(1, 2, 3, 8), (1, 3, 5, 9), (3, 5, 9, 13) & (2, 3, 4, 5)

9. The transcendence from grid zones as framed domains brings us face to face with, simultaneous format of the set ups of quadruple quadruples values (1, 2, 3, 8), (1, 3, 5, 9), (3, 5, 9, 13) & (2, 3, 4, 5).

3

FIRST QUADRUPLE VALUES

(1, 2, 3, 8)

10. As the grid zone enveloped within a linear boundary of 4 components which accepts re-organization as $(4 = 1+3 = 3+1 = 2+2 = 1+1+2 = 1+2+1 = 2+1+1 = 1+1+1+1)$ and this feature brings us face to face with eight folds of value for each.
11. With it, grid zone (2-space surface) unfolds its one of the feature being of value 8.
12. One may have a pause here and take note that surface as a spread sheet leads to four directions and four sub directions, together making it 8 directional frames.
13. Further as that, the 1-space as linear order structure 3-space which permit split into 8 octants and these octants together manifests solid boundary of 8 components of spatial order (2-space in the role of dimension of 4-space).
14. 4-space being of a spatial dimensional order as such dimensional frame of 4-space is a set up of 4 spatial dimensions which lead to $2 \times 4 = 8$ as a dimensional value.
15. With it, 3-space of 3 linear dimensions sequentially takes us to set ups of single dimensions of value 1x1, pairs of dimensions lead to value 1x2 and the all the 3 dimensions yield value 1x3, a step ahead 4-space dimensional frame leads to value $2 \times 4 = 8$.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of *trans* and to glimpse and imbibe the format feature value of above set up of quadruple values (1, 2, 3, 8).

4

2ND QUADRUPLE OF VALUES

(1, 3, 5, 9)

17. Let us revisit the 9 numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9).
18. And numerals pair is (1, 9).
19. Numeral 5 is of middle placement making first half limp being a transcendence range (1, 2, 3, 4, 5) and second limp being a transcendence range (9, 8, 7, 6, 5).
20. Numeral 3 is of middle placement of numeral range (1, 2, 3, 4, 5).
21. Further 0-space accepts single geometry range.
22. 1-space accepts 3 geometries range.
23. 2-space accepts 5 geometries range.

24. 4-space accepts 9 geometries range.
25. Still further $2^0=1$.
26. $2^0+2^1=3$.
27. $2^0+2^1+2^1=5$
28. $2^0+2^1+2^1+2^2=9$.
29. Still further, first perfect number (6) has 3 proper divisors with 3 as the biggest prime divisor.
30. 2nd perfect number (28) has 5 proper divisors with 7 as the biggest prime divisor.
31. 3rd perfect number (496) has 9 proper divisors with 31 being the biggest prime divisor.
32. Further, line has a 3 point fixation.
33. Square has a 5 point fixation.
34. Cube has a 9 point fixation.
35. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature value of above set up of quadruple values (1, 3, 5, 9).

5

3RD QUADRUPLE OF VALUES

(3, 5, 9, 13)

36. It would be a blissful exercise to take note that first perfect has 3 proper divisors, 2nd perfect number has 5 proper divisors, 3rd perfect number has 9 proper divisors, and 4th perfect number has 13 proper divisors.
37. Further as that, biggest prime divisor of first perfect number is 3, the biggest proper prime divisor of 2nd is 7, the biggest prime divisor of 3rd perfect number is 31 and the biggest proper prime divisor of 4th perfect number is 127.
38. One may have a pause here and to take note that:
 - (I) $3 = 2 \times 1 + 1$
 - (II) $7 = 2 \times 3 + 1$
 - (III) $31 = 3 \times 7 + 3$
 - (IV) $127 = 4 \times 31 + 5$
39. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature value of above set up of quadruple values (3, 5, 9, 13).

6

4TH QUADRUPLES OF VALUES

(2, 3, 4, 5)

40. The counts sequence (1, 2, 3, 4, 5 ...) permit insertion of counts (points) at middle placements of the counts gaps.

41. This leads to next generic counts sequence:
(I) (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2, 5 ...).
42. As spatial dimensional order, the above sequence will lead to the value for the pair of axis as $(2x1, 2x3/2, 2x2, 2x5/2x, 2x3 \dots) = (2, 3, 4, 5 \dots)$.

7

HYPER CUBE 4

43. Hyper cube 4 is a four manifestations layer (1, 2, 3, 4) parallel to the format features of Idol of Lord Brahma, creator's the supreme, the presiding deity of 4-space.
44. Within a cavity of heart of Lord Brahma is the seat of transcendental lord, five head Lord, with 3 eyes equipped in each head.
45. Lord Brahma mediate within a cavity of its own heart and with the grace of the transcendental Lord Shiv, Lord Brahman multiplies as ten Brahman and their by their happens manifestation of creative boundary with (4-space) as boundary of 10 components of transcendental domain(5-space).
46. One shall sit comfortably and revisit the following feature:
- (I) 0,1,10 constitute a horizontal reflection pair of double digit number of ten place value systems coordinating of pair of end points of 10 units range.
 - (II) $1+2+3+4 = 10$ and also $(0+1+2+3+4) = 10$ and their by the zero order transcendence range and linear order manifestation layer exhibit equal manifestation value.
 - (III) As such, the transcendence from four folds manifestation layer to five folds transcendence range have common elusive manifestation values.
 - (IV) This being so the transcendence format of reach from values to artifices is to be head parallel to a reach from domain to dimension.
 - (V) Dimension itself is a domain but it structure another domain but domain in itself remains a domain and takes to a domain within a domain like surface within a surface while point of surface as 0-space points plays the role of dimension of 2-space and structure to space.
 - (VI) The centre of the surface / square / hyper cube 2 is of dual status, being a point of 2-space domain and also being a seat of origin of 2-space namely of 3-space.
 - (VII) It is this feature of the centre being a 2-space point and also being a seat of 3-space point which deserves to distinctively chased, which is being not done by the modern system and as such the modern mathematical tools are not matching with the Vedic Mathematics systems.

8

5X5 VARGAS CONSONANTS

47. 5x5 vargas consonants accepts 5x5 transcendence ranges format of transcendence ranges values of 5 columns and 5 rows as under:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

48. The above Vedic Mathematical processing organization deserves to be glimpse and imbibe to have comprehension for its application and working rule of arithmetic of artifices of numbers value.
49. First column is a sequential progression of linear order, spatial order, solid order, creative order and transcendental order.
50. Second column is the transcendence range of sequential enveloping boundary within (spatial boundary, solid boundary, creative boundary, transcendental boundary and self-referral boundary).
51. Third column is a transcendental range of domain fold (solid domain, creative domain, transcendental domain, self-referral domain and unity state domain).
52. 4th column is of transcendence range of compactified origins (creative origin, transcendental origin, self-referral origin, unity state origin and natural state origin).
53. 5th column is the transcendence range of compactified base fold with the transcendental base as (transcendental base, self-referral base unity state base natural state and Brahman base).
54. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature value of above set up of 5x5 vargas consonant format as the Vedic Mathematical processing format for transcendence though the grid zone of 5x5 grids.



ARTIFICES ARITHMETIC REACH

1

ARTIFICES FORMATTING

1. Artifices arithmetic (mathematics) is mathematics of artifices formatting.
2. Artifice formatting is parallel to dimensional spaces organization coordination.
3. First feature is availability of pair of orientations.
4. Second feature is of 8 directional frames (4 directions and 4 sub directions).
5. Third feature is of acceptance of centre of the grid zone permitting transcendence from first face of the surface to the opposite face of surface.
6. Next feature is of superimposition of a grid coordinating centre of the grid zones of a given grid.
7. This feature is available for both faces of the surface of the given grid.
8. This feature further brings us face to face with the centre of the grid zones being the fixation points for the superimposed grids along both faces. This 3 points fixation at the centre of the grid is a feature which deserves to be comprehended well to have insight about the Vedic systems reach within the domain fold sandwich between the pair of faces of a surface.
9. The domain sandwich between the pair of faces of a surface gets transcendence by having superimposing of a pair of grids along both faces coordinating centre of the grid zones has the corner points of the grids.
10. One may have a pause here and to take note that $N \times N$ grid accepts the pair of $(N-1) \times (N-1)$ grids superimposition.
11. A step ahead, this pair of superimposed $(N-1) \times (N-1)$ grids further accepts superimposing a pair of $(N-2) \times (N-2)$ grids.
12. One may have a pause here and to take note that this second stage superimposed grids have placements for their corner points upon the centre of first stage of superimposed grids which infect happen to be the corner points of the original grids.
13. It is this feature which deserve to be comprehend well as that the inner corner point of $N \times N$ grid namely $(N-2) \times (N-2)$ number of corner point themselves constitute second stage superimposed $(N-2) \times (N-2)$ grids.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe above feature values format.

2

DIVYA GANGA PARVAHA

15. Churning and centre of grid zones results into transcendence into domain sandwich between the pair of faces are the surfaces of grids zones.
16. The domain emerges as a set of structure points of the order of the domain.
17. One may have pause here and take note that points of the surface are of zero order while the points of domain in between is of a linear order.

18. One may further have a pause here and to take note that churning at the centre of grid zone takes to centre of the in between domain.
19. This brings us face to face with the phenomenon of compactified state of centre of the origin.
20. As such, churning, in its different phases and stages makes us to a Divya Ganga Parvaha.
21. Divya Ganga Parvaha permits chase along the sole syllable Om.

3

SOLE SYLLABLE OM

22. Sole syllable Om accepts organization coordination of 4 quarters designated as Bindu Sarovar (structural point), Ardhmatra (half measure), Tripundrum (pair of monad synthesizing as tri-monad) and Swastik Pada (quarter square as a spatial dimension).
23. Divya Ganga Parvaha along this format is parallel to quadruples value (9, 7, 3, 1) which permit paired pairing organization coordination as (9, 7) and (3, 1).
24. This paired pairing organization coordination format is parallel to the set up of (9-space domain, 7-space as dimension) and (3-space as domain, 1-space as dimensions).
25. This paired pairing geometric organization coordination format accepts transcendental joint (5-space joint).
26. This formatting leads to a transcendence range (9-space, 7-space, 5-space, 3-space, 1-space) parallel to which is the transcendence range of artifices of numbers values (9, 7, 5, 3, 1) of summation value $(9+7+5+3+1) = 25 = 5^2$.
27. One may have a pause here and to take note that the 4 folds Divya Ganga Parvaha (9, 7, 3, 1) is a particular case of 4 fold quadruples values $(N+8, N+6, N+2, N)$, $N = 1$.
28. Here, at the middle is jump over value $(N+4)$.
29. The jump over value $(N+4)$ is leading to a gap $N \times (N+4) = N^2+4N$ to make summation value $[(N+8) + (N+6) + (N^2+4N) + (N+2) N] = N^2+8N+16 = (N+4)^2$.

4

3-SPACE CELL

30. Horizontal grid $N \times N$, vertical grid $N \times N$ and vertical crosswise grid $N \times N$, constitute 3-space cell.
31. Cell blocks centre create internal cells.
32. Chase of this is head by Vedic systems along a transcendence format through the cell at their centre and it is ultimate reach of artifices arithmetic.

5

SPLIT OF 3-SPACE AS 8 OCTANTS

33. Parallel to a split of 3-space into 8 octant is the split of a cube into 8 sub cubes.
34. Each sub cube further permits a split into 8 sub-sub cubes.
35. Inner most 8 sub-sub cubes synthesized a sub cube. This synthesized sub cube is the 9th sub cube of the cube.
36. Further split of this 9th sub cube into sub-sub cubes brings us face to face with a splits system which deserves to be chased as the organization format of Ganita Sutras and upsutras as the basis base Vedic Mathematics.

6

TO GLIMPSE AND IMBIBE BASIS BASE FORMAT

37. Reach up tills synthesized 9th sub cube and having a repeat steps reach at 9th sub cube of 9th sub cube as a cube will amounts to having a reach at basis base of Vedic Mathematics chase system.
38. One shall sit comfortably and permit the transcending mind to glimpse and imbibe these features values format of basis base of Vedic Mathematics chase system.
39. One shall continuously remain in prolonged sitting of trans and to glimpse and imbibe the above steps reach up till basis base of Vedic Mathematics chase system and to perfect one's intelligence parallel to the order of nature (Asht-prakarti / 8 folder Nature) permitting chase along artifices of numbers with transcendental code value for formulation 'Ek' as well as for formulation 'Triya' as 8 in each case.
40. It would be a blissful to take note the formulation Akash (space) as well accepts transcendental code value 8.
41. Still further as that, the formulation Iti (end) as well accepts transcendental code value 8.
42. And, the formulation 'Aapa / water' as well accepts a transcendental code value 8. This way the reach is from first element (Prithvi / earth) till second element (aapa / water) as a completeness of the chase system.
43. It would be a blissful to take note that 'Prithvi' accepts transcendental code value 25 and the formulation 'Aapa' accepts transcendental code value 8.
44. Further as that, numbers values pair (25, 8) accepts re-organization as (5², 2³).
45. Still further it would be very blissful to take note that 2-space accepts 5 geometries range and further as that the synthesis of 8 sub cubes lead to 5³ structural components.
46. One shall sit comfortably and to glimpse as that synthesis values of 4 quarter squares is $25 = 5^2$.
47. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of tans and to glimpse and imbibe the above organization

coordination formatting of artifices of numbers values parallel to organization
coordination formatting of dimensional frames.

SPACE, VOID SPACE, SPACE-CONTENT AND FULFILLED SPACE

1

SPACE AND CONTENTS

1. Space and contents appear to be, to different entities.
2. Conceptually as well, contents will appear to be absolutely distinguishable from each other.
3. However, at the same time when ever any content lump is view it appears to carry space as well along with it, and even space being within the content lump as well.
4. On the other hand, when ever space is tried to be conceived, the same appears to be a space-content.
5. It becomes difficult to visual and conceptually as well as absolutely void.
6. Space other than space, other than space contain is a state whose handling, in itself poses and intellectual challenge of the shot which is a step head of the existence phenomenon being contain base state.

2

VOID AND DE-VOIDED STATE

7. When empty came to appears to be fulfilled with air, the same permits approaching it to have it in a 'de-voided state' a state in which even air is sucked out of the cup in the state a natural poser may be their as to whether in that de-voided state, even cup is a space frame.
8. The more subtle poser would be, as to whether a solid slab is just a content lump and absolutely free of space!

3

AKASH TATTAV

9. Akash tattav is taken to be the fifth element with previous four elements being, earth, water, fire and air, in that sequence and order.
10. In the context when Surya / sun gets sixth placement, the same that way fixes as that the space as well is a some sort of content which may be designated as space-content.

11. One may have pause here and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the feature value of sequential arrangement of earth-content, water-content, fire-content, air-content, space-content and sun-content.
12. One's space becomes (space-content) then the handling of space becomes parallel to handling of other type of content.

4

APPROACHING SPACE IN TERMS OF DIMENSIONAL FRAMES

13. When space is approached in terms of a 3 dimensional frame of a 3 linear dimensions, so framed space becomes a 3 dimensional space of 3-space-content like that there would emerge a sequence of dimensional spaces and their corresponding sequence of space contents.

5

SPACE CONTENTS AS A SEQUENCE OF DIMENSIONAL SPACES- CONTENTS

14. The phenomenon of space content transition and transformation into a sequence of dimensional space content deserves to be comprehended and to be imbibed well.
15. It is one such value whose virtue is providing through the existence phenomenon within frame.
16. The existence phenomenon without frame is of a format of space content remaining in its affine state of a black matter.
17. It is the superimposition of light upon the black matter that existence phenomenon within frames come into manifested play.
18. That way likes become 'half black'.

6

MANIFESTATION ALONG A FORMAT

19. Manifestation along a format has a illustrative case of light superimposed upon black matter it shall be leading to a parallel phenomenon of positive dimensions of positives numbers and negative dimensions of negative numbers.
20. One may have a pause here and to take note that single one and single two make a pair of singles.
21. Likewise single unit of negative orientation will make a 1 unit, though of negative orientation.
22. However, when a negative numbers of negative orientations are to be taken care of same shall being putting us in a situation of a feature as under:
 - (I) Taking single positive unit of positive orientation has a single unit pillar upon the surface of a earth will shall be taking a unit above the surface of the earth.

- (II) The negative orientation takes us inward that is beneath/ underground of the surface of the earth.
- (III) The single negative number of negative orientation will be taking us underground to the depth of single orientation unit.
- (IV) The positive orientation may be tribute to the light content and negative orientation can be tribute to black matter.
- (V) Positive orientation of positive number of units of negative orientation (black matter) will amount to construction of equal number of black matter of pillars.
- (VI) The negative number of light matter pillars will amounts to construction equal to light pillars beneath the surface.

One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format and feature.

VEDIC MATHEMATICS TOPICS

1

GANITA SUTRAS

1. Ganita Sutras include Ganita Upsutras.
2. First topic for learning and teaching Vedic Mathematics is the values of Ganita Sutras.
3. Values of Ganita Sutras are basis base of Vedic Mathematics of Vedic order reach.
4. This in a way is of a very large values range.
5. It in a way is going to be a complete Vedic mathematical domain itself.
6. Beginning with the first principal of axiom and postulate, the end reach of this Vedic Mathematical domain is going to be complete in its applied values basis of whole range of mathematical format of over solar universe technologies.
7. As such, this topic (Ganita Sutras) deserves to be learned and to be taught as a complete main stream subject.
8. The original text of Ganita Sutra is in Devnagri script and as such it avails the whole range of organization format feature of Devnagri alphabet and its individual letters.
9. This being so, the values of Devnagri alphabet may be presumed being inherently being presumed here in the organization format of Ganita Sutras.
10. This being so, while approaching Ganita Sutras, due attention would be prior requirement to have knowledge about the values of Devnagri alphabet itself.
11. A system is said to complete when its beginning and ends points meeting at the same 'ment'.
12. This completeness feature of this system brings us face to face with the processing system to unfold within itself.
13. Ganita Sutras, as a complete system, is inherently being a complete in self, it is unfold from within and Ganita Sutra are to be read and to be understood in terms of

Ganita Sutras themselves with this value, even the Devnagri alphabet values are to unfold from within the values of Ganita Sutras themselves.

14. It is this completeness feature of Ganita Sutras, which deserves to be comprehended well before approaching it (Ganita Sutras) for glimpsing and imbibing their values.

2

DEVNAGRI ALPHABET

15. Devnagri alphabet is complete domain in itself.
16. The organization format of Devnagri alphabet and of its individual letter brings us face to face with its basis base values.
17. The settlement of the Devnagri alphabet format is the manifested reach of the basis base values of the alphabet.
18. Devnagri alphabet is the beginning and the end reach of the basis base values of the alphabet.
19. Beginning with Devnagri alphabet and its unfolding from within and the unfolding reach of the same as well is going to be the Devnagri alphabet itself.
20. The whole range of Vedic knowledge and Vedic system stand cover in the in between unfolding range of Devnagri alphabet basis base values.
21. It will bring us face to face with the system beginning with Devnagri alphabet and after the coverage of whole range of itself, and the end reach value would be Devnagri alphabet itself.
22. Vedic knowledge and its system get printed in the manifested structure of the formats and values of the individual letters as well as their collectives integrated formats has being the whole alphabet itself.
23. With it the format and value of individual letter deserve to be distinctively glimpsing the values and format of individual letters, individually as well as collectively as the values and format of the alphabet as a whole.
24. The classification and grouping of alphabet letters as vowels and others, and the letters other than vowels being grouped has consonant and others while consonant themselves being group and classified as Vargas consonant and other while other consonant having classification as Anthstha and Ushmana letters, and the letters other than vowel and consonant getting classified as Yama letters , are the organization format features of Devnagri alphabet letter which deserve to be chased individually as well as their grouped classification.
25. Like that, basis base values of Devnagri alphabet domain shall be bringing us face to face with various organization format feature of Devnagri alphabet.
26. These grouped and classified ranges of values and formats shall be further bringing us face to face with the aspects of organizational coordination of artifices of numbers values and dimensional frames of geometries range.
27. A step ahead, the organizational coordination of artifices of numbers values and of dimensional frames of geometry domains will bring us face to face with the reach of artifices of numbers and dimensional frame of which will further bring us face to

face with the internal relationship of basis base Vedic Mathematics and basis base values of Devnagri alphabet.

28. It is this feature of inter relationship of artifices of numbers values and of dimensional frames with the basis base Vedic Mathematics values, which deserves to be comprehended well, for its through appreciation to acquire proper insight and appropriate enlightenment of Vedic knowledge and Vedic system.
29. With it, Devnagri alphabet, in itself becomes a self sustain domain of Vedic knowledge and its systems parallel to basis base Vedic Mathematics.

3

SATAPATYA MEASURING ROD

30. Sathapatya measuring rod is the beginning as well as the end value of values manifestation format.
31. Artifices of numbers and dimensional frames of geometric domain accepts common organization format and it is the format of Sathapatya measuring rod.
32. Sathapatya measuring rod is the format of chase of manifested domain of dimensional space content.
33. Sathapatya measuring rod of solar universe (6-space domain) is a synthetic set up of hyper cubes 1 to 7, the representative regular bodies of 1-space to 6-space.
34. 6-space accepts 4-space as its dimension.
35. Lord Vishnu is the presiding deity of the Sathapatya measuring rod while lord Braham is the presiding deity of the measure of Sathapatya measuring rod.
36. Lord Vishnu is the over lord real 6-space, lord Brahma is the over lord of real 4-space.
37. Sequentially Sathapatya measuring rod of dimensional spaces for chase of their respective dimensional domains are of sequential synthetic organization as follow:
 - (I) Sathapatya measuring rod is synthetic set up of hyper cube 1 to 6.
 - (II) Sathapatya measuring rod of 5-space is synthetic set up of hyper cube 1 to 5.
 - (III) Sathapatya measuring rod real 4-space is synthetic set up of hyper cube 1 to 4.
 - (IV) In general, the Sathapatya measuring rod of n-space is a synthetic set up of 1 to n.
38. Sathapatya measuring rod of 6-space provide a format for transcendental carrier (carriers of 5-space domain).
39. 5-space plays the role of transcendental boundary of 6-space.
40. Take off of transcendental boundary accepts the format of a Sathapatya measuring rod of 6-space for a reach up till orb of the sun which is a seat of unity state (7-space) playing the role of origin of 6-space.
41. 7-space plays the role of origin of 6-space and 7-space is of a transcendental dimensional order.
42. As such, the transcendental dimensional order (5-space as dimension of 7-space, transcendence and gets superimposed upon the creative dimensional order (4-space as dimension) of 6-space domain.

43. The transcendental order (5-space as order), transcendence and gets superimposed upon the creative dimensional order (4-space as dimension of 6-space and the transcendental carriers carry the transcendental content in the role of transcendental order and same manifests as transcendental boundary of 6-space from where transcendental carriers carry forward transcendental contents and their by there is a attain a unity state (7-space domain) which is taken away by unity state carrier for its manifestation within Brahman domain (9-space as domain with 7-space as dimension and 5-space as dimension of dimension).
44. One may have a pause here and to take note that Sathapatya measuring rod as the starting point as well as the end reach point will help us comprehend and to imbibe the format features values of the Sathapatya measuring rod as a basis base mathematics of our existence phenomenon within solar universe.

4

TRILOKI AND TRIMURTI

45. Triloki and trimurti format of our existence phenomenon of our solar universe is the basis base Vedic mathematical domain.
46. Along Sathapatya measuring rod triloki may be approach as a real 3-space set up accepting a Sathapatya measuring rod chase for 3 –space domain as a synthetic set up of hyper cubes 1, 2, and 3.
47. Let us have a pause here and to revisit the synthetic set up of interval, square and cube within a cube.
48. It amounts to a chase of a set up of a single, double and triple dimensions of 3-space within a space framed by a 3 dimensional frame of 3 linear dimensions are 3 spatial dimensions are 3 solid dimensions, are 3 creative dimensions, and in general 3 dimensions of any dimensional order.
49. This chase will bring us face to face with the synthetic phenomenon of triple dimensions of same order, which for every dimensional order leads to common value '6'.
50. It is this feature of synthesis value for triple dimensions of any order yielding same value '6', which deserves to be comprehended well to appreciate and imbibe the set up of triloki.
51. The chase of 3-space domain in terms of Sathapatya measuring rod synthesized by hyper cubes 1, 2 and 3 and 3-space domain itself being framed by a 3 dimensional frame as well as by its enveloping boundary makes a mathematical domain of very rich mathematics of the order of the existence phenomenon of earth itself with in a solar universe.

5

TRIMURTI

52. Trimurti, along the Sathapatya measuring rod may be approach as hyper cube 4, hyper cube 5 and hyper cube 6 constitutions of the Sathapatya measuring rod.
53. Trimurti brings us face to face with combine set up of 4-space, 5-space and 6-space (domain).
54. Hyper cube 4 is a four folds manifestation layer (2, 3, 4, 5) / (2-space as dimension, 3-space as boundary, 4-space as domain, 5-space as origin).
55. Hyper cube 5 is a four folds manifestation layer (3, 4, 5, 6) / (3-space as dimension, 4-space as boundary, 5-space domain, 6-space as origin).
56. Hyper cube 6 is a four folds manifestation layer (4, 5, 6, 7) / (4-space as dimension, 5-space as boundary, 6-space as domain, 7-space as origin).
57. Hyper cubes 4, 5, 6 together avail self-referral domain (2, 3, 4, 5, 6, 7) / (2-space, 3-space, 4-space, 5-space, 6-space, 7-space) for manifesting 12 folds, as 4 folds for hyper cube 4, hyper cube 5, hyper cube 6 each.
58. 3-space domain of hyper cube 3 / cube of 7 versions, on the one hand, and self-referral range (2, 3, 4, 5, 6, 7) / (2-space, 3-space, 4-space, 5-space, 6-space, 7-space), as a pair of ranges, together brings us face to face with the basis base transition from linear order unity state range (1, 2, 3, 4, 5, 6, 7) to 6 steps long self-referral range (2, 3, 4, 5, 6, 7) of spatial order.
59. Linear order unity state of 7 steps long reach (1, 2, 3, 4, 5, 6, 7) and spatial order reach of self-referral range of 6 steps (2, 3, 4, 5, 6, 7) on their further chase will bring us face to face with the following feature:
 - (I) 7 counts (1, 2, 3, 4, 5, 6, 7) have 6 gaps.
 - (II) Bridging the gaps with insertion of counts at middle placement of the gaps will leads us to gaps bridged range being as of values:
(1, 3/2, 2, 5/2, 3, 7/2, 4 ...).
 - (III) The spatial order will make above range of its doubles values and as result of their, it would be:
(2, 3, 4, 5, 6, 7 ...).
60. Dimensional synthesis of dimensions of linear order sequentially yield dimensional synthesis value:
(0, 1, 3, 6, 10, 15, 21, 28, 36, 45, 55 ...).
61. Dimensional synthesis of dimensions of spatial order sequentially yield dimensional synthesis value:
(0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 ...).
62. The sequential value differences for linear and spatial order dimensions synthesis comes to be:
(0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 ...).
63. It would be a blissful to take note that the above difference values of synthesis of linear and spatial order dimensions numbering (5, 6, 7, 8, 9, 10 ...) comes to be (5, 9, 14, 20, 27, 35, 44 ...).

64. One may have a pause here and to take note that the number of dimension and their different values as above get coordinated as :
- (I) $5 = 5 \times 1$
 - (II) $9 = 6 \times 3/2$
 - (III) $14 = 7 \times 2$
 - (IV) $20 = 8 \times 5/2$
 - (V) $27 = 9 \times 3$
 - (VI) $35 = 10 \times 7/2 \dots$
 - (VII) \dots
65. One may further have a pause here and to take note that the numbers of dimensions, difference values and the gaps fulfilled counts range get coordinated.
66. It would be a blissful to tabulate above coordination emerging as under, on both side of the range and to glimpse and to imbibe the same to acquire proper insight and appropriate enlightenment about the existence phenomenon of our solar universe of the format of triloki and trimurti. One shall extend the tabulation for numbers of dimensions beyond 10 and also to extend the tabulation for negative numbers of dimensions and also try to coordinate the number of dimension, difference values and the values along with gaps fulfilled counts range.

Number of dimension	Difference value of linear and spatial synthesis	Count of gaps fulfilled counts sequence
--	--	--
0		
1		
2		
3		
4		
5	5	1
6	9	3/2
7	14	2
8	20	2
9	27	5/2
10	35	3
11	44	7/2
12		

DIMENSIONAL SYNTHESIS

67. Dimensional synthesis mathematics is a complete mathematical domain in itself.
68. Dimensional synthesis mathematics is the mathematics of synthesis of dimensional of same dimensional order.
69. Of these, synthesis of linear order dimensional and of spatial order dimension have prominent role to play and as such their value deserve focus the attention.
70. The difference of synthesis value linear order dimension and equal number of spatial order dimensions, further have a very significance role to play and as such this aspects as well becomes of further specific attention.
71. These difference of values of linear and spatial, infect emerge as the differences of any pair of consecutive dimensional order.
72. This being so the differences values sequence becomes a basis value sequence of grid applied application.
73. The inter relationship of number of dimensions and their difference values of synthesis for consecutive dimensional order as such gets related with the gaps filled counts sequence and same as a dimension of the spatial order provides a transition from linear order set up to spatial order set up.
74. It is this attainment which is deserves to be comprehended well for its appreciation to acquire insight and enlightenment of the mathematics of transition from linear order to spatial order.
75. Here for concerned reference is being tabulated synthesis information for linear, spatial, solid, creative orders.
76. Also is being tabulated synthesis information for 0 order, negative order, negative spatial order, negative solid order, and negative creative orders.
77. The following table can be extended for higher negative and positive orders as the same rule of difference applies though out.
78. Here in the table below N = number of dimensions, O = dimensional order, $C0$ denotes column of synthesis values of zero number of dimensions, $C1$ column gives the value of $N = 1$ number of dimensions, $C2$ column gives value of $N = 2$ numbers of dimensions and like that tabulation in other columns.

(I)

TABLE OF SYNTHESIS OF DIMENSIONS OF SAME ORDER

O	C0/ n0	C1/n 1	C2/n 2	C3/n 3	C4/n 4	C5/n 5	C6/ n6	C7/ n7
--								
--								
-4	0	-4	-2	6	20	40	66	98
-3	0	-3	-1	6	18	35	57	84
-2	0	-2	0	6	16	30	48	70
-1	0	-1	1	6	14	25	39	56
0	0	0	2	6	12	20	30	42
1	0	1	3	6	10	15	21	28
2	0	2	4	6	8	10	12	14
3	0	3	5	6	6	5	3	0
4	0	4	6	6	4	0	-6	-14
5	0	5	7	6	2	-5	-15	-28
-								
-								
-								

- 79. One may have a pause here and to take note that the conceptive order difference value sequence comes to be (0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 ...).
- 80. One may have a pause here and to take note that the difference of conceptive value of above difference sequence as well is sequentially increasing, as much as that, the difference of 4 number of dimension comes to be 2, while the difference of 5 numbers of dimensions comes to be 2+3, the difference of 6 numbers come to be 2+3+4 ... and so on.
- 81. One may have a pause here and to take note that 4-space has 2-space as dimensions, 5-space as 3-space as dimensions and 6-space as 4-space dimensions.
- 82. One may have a pause here and to take note that origin are compactified and as such their sequential dimensional order as well are formatted along a compactified lines point of values (2, 2+3, 2+3+4, 2+3+4+5 ...).
- 83. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe:
 - (I) Synthesis of dimensions of same order.
 - (II) Difference of values of same number of dimensions of a pair of consecutive dimensional order.
 - (III) The sequential increase in the difference of equal number of dimension of pair of constitutive dimensional order being: (... 2, 2+3, 2+3+4, 2+3+4+5 ...).

- (IV) The inter relationship of number of dimensions, difference of equal numbers of dimensions of constitutive pair of dimensional orders, and the gaps filled counts sequence.
84. It would be a blissful to tabulate above inter relationship feature for whole range of dimensional orders, positive, zero, or negative.

(II)

SYNTHESIS OF NEGATIVE NUMBERS OF DIMENSIONS

85. The above table of dimensional synthesis symmetrically tabulate for positive, zero and negative number of dimensions of the same and the whole range of synthesis for any dimensional order accepts a difference value sequences for the next consecutive dimensional order synthesis and this difference value sequence equally applies throughout.
86. The difference value sequence of 0 and positive number of dimensions as (0, -1, -1, 2, 5, 9, 14, 20 ...) gets extended for negative number of dimensions as well and it comes to be as under:
(... -44, -35, -27, -20, -14, -9, -5, -2, 0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 ...).
87. It would be a blissful exercise to reach at the whole table of dimensional synthesis for whole range of dimensional orders (positive, zero and negative), the whole of dimension (positive, zero and negative).
88. It would further be a very blissful exercise to reach at the organization coordination values rule of the whole range of difference value sequence for constrictive dimensional orders covering zero positive negative number of dimensions.
89. It would further be a blissful exercise to reach at coordination table of number of dimensions, difference are values and the values of gaps filled counts sequence form the entire range of these triples sequences ranges.
90. It would further be a blissful exercise to reach at transition from the linear order values sequence counts (1, 2, 3, 4, 5, 6, 7, 8...) to spatial dimensional order sequence count (2, 3, 4, 5, 6, 7, 8, 9 ...).
91. It would be a blissful exercise to reach at transcendence range for the odd dimensional orders, as well as for the even dimensional order including zero order.
92. The integrated range of odd dimensional order spaces and even dimensional order spaces deserves to be comprehended well for its full appreciation in the light of the complete table of dimensional synthesis.

7

DOMAINS SPLIT SPECTRA

93. Space content lump manifests as domain fold of respective hyper cube along the 4 folds manifestation layer of creator's space parallel to the format feature of Idol of Lord Brahma, the over Lord of real 4-space and presiding of deity of Sathapatya measuring rod.

94. In the manifested state, domain fold is a framed domain within dual frame firstly because of dimensional frame and secondly because of enveloping boundary.
95. With origin of dimensional frame at centre of the domain fold makes the domain fold as a sealed state domain fold.
96. Domain fold splits as per the dimensional order.
97. Dimensional order is responsible for the synthesis of the dimensions.
98. A reverse process of its result into split of the domain.
99. N space domain splits into a pair of (N-2) domain entities.
100. During this split there is a simultaneously release of domain of its dimension of dimension (N+4) space domain.
101. A step ahead, a pair of (N-2) space domain entities each leading to a pair of (N-4) domain entities which together with previous release with (N-4) domain entities makes set of five (N-4) domain entities.
102. One may have a pause here and to take note that at the stage there would also be a release of dimensions of dimensions (N-4) domain entities.
103. One may have a pause here and to take note that at the initial stage we had single n space domain.
104. At first split stage we obtained two (N-2) domain entities along with a release of dimension of dimensional (N-4) domain entities.
105. At second domain split we attain 5 entities of (N-4) domain and it addition we had a pair of dimension of dimension (N-6) domain entities. This sequentially leads to the flow chart as being tabulated here under.

Sr .no	Domain	Split entities domain	Dimension of dimension	Explanatory note	
1	N	1	0		
2	N-2	2	1	$1 \times 2 + 0$	
3	N-4	5	2	$2 \times 2 + 1$	
4	N-6	12	5	$2 \times 5 + 2$	
5	N-8	29	12	$2 \times 12 + 5$	
6	N-10	70	29	$2 \times 29 + 12$	
7	-	-	-	$2 \times 70 + 29$	

106. Within, domain, also transcendence takes place which takes from domain to dimension and next step dimension to dimension.
107. In general for N domain this transcendence within domain is of triples value format (N, N-2, N-4).

108. With origin of dimensional frame at centre of the domain heart the transcendence within domain up till dimension of dimension level.
109. Further transcendence takes place within domain only through its origin and same can happen only with removal of the seal cause at the centre of the domain because of the origin of dimensional frame.
110. One's the sealed stand remove, transcendence continuously further sequentially takes to base fold (5th fold), to format fold (6th fold), to format state (unity state) / 7 fold and so on.
111. With the transcendence reach at base fold (5th fold), it amounts to a split spectrum of 29 entities of (N-2) domain.
112. One may have a pause here and to take note that the base fold is compactified with the origin fold, the 4th fold.
113. As such the transcendence up till base fold comes to be a compactified range of order of the origin fold together with the order of base fold. And sequentially the process progress likes that.
114. One may have a pause here and to take note that formulation Brahma accepts transcendental code value 29 which is 5th stage of domain split spectrum.
115. One may have a pause here and to take note that 4-space has 5 non negative geometries.
116. The transcendence reach up till base fold (5th domain spectrum stage) and the five non negative geometric range format of 4-space, which is of a spatial order there happens synthesis of transcendence ranges.
117. The transcendence ranges synthesis phenomenon is the phenomenon of synthesis of a pair of transcendence ranges (N, N+1, N+2, N+3, N+4) and (N, N+1, N+2, N+3, N+4) which together with dimensional synthesis glue value (N) yields synthesis value (20+11N).
118. It would be a blissful to take note that N = 0 yield synthesis value '20' which is parallel to the transcendental code value formulation Ved.
119. It would be a blissful to take note that the synthesis values of single, double, triple and quadruple number of dimensions of any dimensional order sum up '20' as their summation value $[(N+(N+2)+6+12-2N)]= 20$.
120. One shall sit comfortably and permit the transcending mind to glimpse and imbibe these features of domain split spectrum.
121. The dynamic state domain together with the domain split spectrum features of static state domain make a very reach dimensional mathematics permitting chase along artifices of numbers.
122. One shall comprehend and imbibe all these feature of dimensional domain and to perfect one's intelligence about the existence phenomenon within frames and without frames including existence within human frame and existence within solar universe in compactified state sequentially unfolding and dissolution themselves.

HUMAN FRAME

123. Human frame is sustained as along the organization coordination of boundary folds of hyper cubes 1 to 6.
124. These organizations coordination's are of steps values (2, 4, 6, 8, 10, 12).
125. One may have pause here and take note that this organization coordination values of shad chakras (6 eternal circuit) of human body are parallel to dimensional synthesis of (1, 2, 3, 4, 5, 6) dimensions of spatial order.
126. The spatial order is dimension of dimension order of 6-space (self-referral domain).
127. 6-space accepts 7 non negative geometries of (0, 1, 2, 3, 4, 5 and 6) signature.
128. 3-space has 7 geometries of (-3, -2, -1, 0, 1, 2, 3) signature.
129. One may have a pause here and to take note that human frame is of 3 folds compactified state and of 7 folds consciousness state.
130. 3 folds compactification of human frame is manifesting as (I) Sthual Shreer (mundane body) (II) Suksham Shreer (subtle body) (III) Karan Shreer (casual body).
131. One may further have a pause here and take note that formulations Sthual Shreer, Suksham Shreer and Karan Shreer respectively accepts transcendental code values (20+14), (26,14), (15+14)/(34, 40, 29).
132. One may further have a pause here and to take note that the value 34 accepts re-organization $34 = (7+8+9+10)$, which is parallel to 4 folds manifestation layer (7, 8, 9, 10) of hyper cube 9 (Brahman domain).
133. Number value 40 permits re-organization as 4×10 which is parallel to the coordinates of creative boundary of 10 components of transcendental domain (4-space as boundary of 5-space).
134. The number value 29 is parallel to the domain spectrum of 5th stage of split of the domain which while being taken as initial zero stage shall be sequentially taking us to (0, 1, 2, 3, 4) stages of domain spectrum entities (1, 2, 5, 12 and 29) respectively.
135. One shall further have a pause here and to take note that number value 14 permits re-organization as $14 = (2+3+4+5)$, which is parallel to 4 folds manifestation layer (2, 3, 4, 5) of hyper cube 4 and same is parallel to format feature of Idol of Lord Brahma, four head Lord, creator's supreme, over Lord of real 4-space, presiding deity of measure of the Sathapatya measuring rod.
136. Further as that, the values triple (20, 26, 15) is parallel to transcendental code values triple of formulations (Ved, Devta, and Swara).
137. One may further have a pause here and to take note that the basic format of Chandas (meters) is of 7 steps long range and parallel to it is non negative 7 geometries range of 6-space of which Lord Vishnu is the over Lord, who is also the presiding deity of Sathapatya measuring rod.
138. Still further, it would be a blissful to take note that formulation Vishnu accepts transcendental code value 25 and parallel to it is the transcendental code value prithavi (earth), the first element.

139. The reach from first element earth to 6 placement of Surya (as, earth, water, fire, air, space and sun) is parallel to 6 gaps of 7 points range.
140. Still further it would be relevant to take note that human frame accepts 7 consciousness stage (Jagrit / waking state, Swapan / dream state, Sushapati / deep sleep state, Turya state, transcendental state, self-referral state and unity state of consciousness).
141. This 7 steps long range for the dimensional order structure 9 space domain.
142. The existence sphere and parallel to it a solar universe sphere, from it both ends (top and bottom tips, permit reach at 4th steps at the central circular plate).
143. The range of 7 circular plate, with triple circular plate on either side of the central circular plate, make an arrangement which permits re-organization for the sphere as a pair of hemi-sphere and with putting of the end top and bottom tips as superimposed each other the same shall be leading us to organization parallel to 7 signature range (-3, -2, -1, 0, 1, 2, 3).
144. This organization format feature order, as it is brings us face to face with manifested state of human body having a flat cut as is the back and the front part to be having a cardinal knot at the middle of the belly and further summitry and quantification of summitry, proportionality of the form as it is, makes it a hemi-sphere being re-organized summitry has a pair of quarter-hemi-sphere, with in creator's space (4-space) along the creation format of hyper cube 4 as of 4 folds manifestation layer (2, 3, 4, 5) of summation value 14 parallel to transcendental code value of formulation shreer.
145. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above organization format features of the compactified state of human frame (human body).
146. One may further have pause here and take note that the formulation Bhudi /intelligence accepts transcendental code value 25 while the formulation Ctana / consciousness accepts transcendental code value 23.
147. Further as that values pair (25, 23) accepts organization format parallel to (25 as domain and 23 as dimension).
148. Still further as that value number 25 accepts re-organization as $25 = 5^2$ and same is also parallel to 25 structural component for the square as a synthetic set up of 4 quarters respectively yielding (9, 6, 6, 4) structural component of total summation value 25.
149. Further as that the number value 23 accepts re-organization as $23 = 5 \times 3 + 5 + 3$, a set up parallel to solid order transcendental domain formatted along solid order set up and framed within a solid order dimensional frame of 5 solid dimensions.
150. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features of manifested human body along the format of idol of lord Brahman , creator's supreme, the over lord of real 4-space.
151. It would be a blissful to take note that scriptures preserve the enlightenment as that Lord Brahma sits gracefully upon the lotus seat of eight petal and mediate upon transcendental Lord Shiv within cavity of its own heart and with the grace of

transcendental Lord, Lord Brahma multiplies as ten Brahmas and acquire creation powers and the creations getting fulfilled with transcendental origin.

152. Scripture further, preserve further, enlightenment as that the transcendental lord mediate upon the self-referral lord Vishnu and their by the process of manifestation for the path of transcendental carrier comes into existence of its own and the transcendental carriers carry the transcendental up till the orb of sun from where Brahman carrier take over and their happens to be a reach up till Brahman domain.
153. Sadhkas fulfilled with intensity of urge to know more and more about themselves shall follow the enlightenment path of trimurti (Lord Brahma, Lord Shiv and Lord Vishnu and be blast with the Brahman enlightenment.
154. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features values order and to acquire proper insight and to attain appropriate enlightenment of Brahman order. ■

VEDIC MATHEMATICS CHASE PHASES STEPS

1

ANCIENT WISDOM RESERVOIR

1. Aim to glimpses basis base values of Vedic Mathematics takes us to ancient wisdom reservoir of virtues of whole ranges of values as one common whole some source.
2. This is single 'whole some Ved', which was sub-sequently re-organized as four Vedas as Rig-Ved, Yajur-Ved, Sam-Ved and Athar-Ved.
3. The classification of values of common source reservoir as 'Riks, Yajus, Samas and Athrarvs' as distinct set ups of value is a distinct phase of Vedic Mathematics.
4. One may have a pause here and to take note that first phase of mathematics is the phase and stage of common reservoir / source of virtues of whole range of values.
5. The second phase of Vedic Mathematics is the phase and stage of classification of values as Riks, Vajus, Samas and Athrarvs.

2

RIKS, VAJUS, SAMAS AND ATHRARVS

6. Classified value as riks, vajus, samas athrarvs or as per the integrated domains of linear, spatial, solid and creative dimensional orders set ups respectively, available in their both orientation where by the sequential organization of riks, vajus, samas and athrarvs as classified linear spatial solid and creative order set up in their reverse orientation lead to their respective origins fold, which come to being creative, transcendental, self-referral and unity state origin folds.
7. One may have a pause here and to take note that as linear, spatial, solid and creative dimensional order set ups there happen to be a manifestation formats of hyper cubes (1, 2, 3, 4).
8. These formats are respectively four folds manifestation layer (1, 2, 3, 4), (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7) respectively.
9. These set ups, as these are leads to 4-space, 5-space, 6-space and 7-space as origin fold respectively.
10. With it, riks lead to creative origin, vajus lead to transcendental origin, samas leads to self-referral origin, and arthrarvs leads to unity state origin.
11. As the origins are manifesting as a compactified range, and such 4-space as origin of 3-space, 5-space as origin of 4-space, 6-space as origin of 5-space and 7-space as origin of 6-space simultaneously manifests at the seat of origin of 3-space.
12. It is this compactified manifestation at the seat of origin of 3-space and their by their being reach up till unity state origin.

13. It is this organization coordination makes a 'Gana' and to reach back from Gana's to its constitutions (origins), as independent of compactification by reversing the process, amounts to freeing the Gana of its compactification bonds.
14. This reversal of the process of Gana is ganit (gana-ith).
15. Gana means set with a compactification rule of binding element of a set and 'it means, to remove compactification bonds and to free element of their bonds'.

3

SPECIFIC OF GANA, RIKS, VAJUS, SAMAS AND ATHARAVS

16. Riks of the organization of linear order format.
17. This organization leads to sequential, finite step long binding strings for finite number of riks.
18. The sequence of finite string of riks makes a mathematical domain.
19. This mathematical domain permits classification as classified domains of riks.
20. Likewise, vajus as well make a distinct mathematical domain.
21. This mathematical domain provides spatial format for compactification bonds for the vajus, infinite, as well in finite numbers of set ups.
22. A step ahead, samas also constitute a distinct mathematical domain accepting solid order compactification bonds for yielding classified sub domain of this mathematical domain.
23. Likewise athrarvs domain as sub domain of creative compactification bond leading up till unity state format state post classification stage of Vedic knowledge.
24. Post classification stage of Vedic knowledge is the phase and stage of 18 Vidhya (18 discipline of Vedic knowledge).
25. One may have a pause here and to take note that reach up till this phase and stage as being through following prior phases and stage:
 - (I) **First stage:-**The first stage is the phase and stage of single whole some Ved.
 - (II) **second stage:-** The second stage is classification and organization as four Vedas with Rig-Ved, Vajur-Ved , Sam-Ved, Athra-Ved.
 - (III) **Third stage:-**Third phase and stage have been of up-vedas (Ayur-Ved of Rig-Ved, Dhanwar-Ved of Yajur-Ved, Ghandarav-Ved of Sam-Ved and Sathapatya Ved of Athra-Ved. During this phase classified domain of riks, yajus, samas and athrarve gave a reach for their respect sub domain for affine value parallel to pure value of respective domains of riks, yajus, samas and athrarves.
 - (IV) **Fourth stage:-**Fourth phase and stage of Vedic knowledge as being as a compilation of its pure and applied value as specific Vidhya, discipline of knowledge, 18 in number.
26. The exercise of classification of single Ved as four Vedas and further steps, as such are under taken, as many as 28 times, in each *kalap* Braham Rishi Ved Vyaish under takes this exercise in each dwapur yoga of each *kalap* (one day duration of Lord Brahma, creator's supreme, the over Lord of real 4-space and the presiding deity of measure of Sathapatya measuring rod).

27. As such, the basis base mathematics takes us to the measure of Sathapatya measuring rod which is of a creative dimensional order 4-space in the role of dimension.
28. Further as that, 4-space itself is of a spatial dimensional order 2-space in the role of dimensional of 4-space, and that way the beginning and end reach of basis base mathematics is at the same 'ment', a spatial order / 2-space in the role of dimensional, a hyper cube 4 format of 4 folds manifestation layer (2, 3, 4, 5) of spatial order, solid boundary, creative domain and transcendental origin, self-referral base, unity state format and natural format state sustained by Brahman reservoir 9-space domain as source of values of whole range of virtues / single whole some Vedic domain.



NUMBERS SYSTEMS

CONTENT

1. Count 'one'

NUMBERS SYSTEMS

1

Count 'one'

1. Count 'one' is an intuitive idea.
2. It becomes concrete by association with 'things' / objects entities / constructs, mental the thoughtical or otherwise conceptualized and formatted with definite rules or specific values etc.
3. Taking 'nothing' as something, as well, that way, to accepts association 'count one'. This takes us to '0' as '1'.
4. And in a sequence, '0' become '1' and '1' being one more than zero so '1' becomes '2'.
5. This way to conceive and to work out mathematics of count '1' brings us face to face with the mathematical domain and working rule of Ganita Sutra 1: Ekadhikena, Purvena, which literally means 'one more than the previous one'.
6. One may have a pause here and to take note that following frequency step of summity of proposanility of forms as stand framed at each steps, the same shall be taking us reaching at infinite step long range of counts steps and the counts.
7. One may have a pause here and to take note that this reach at infinite steps long counts range is their because of the availability of Ganita Upsutra 1 to supplement the rule of Ganita Sutra 1.
8. To have organization arrangement for infinite counts range has of finite counts folds , will again brings us face to face with emergence of infinite numbers of folds and

neither there can be reach at the last fold or can be said that the sad last fold should be complete, simple that would be only a part of the fold.

9. As such here that way, a fold and part of a fold will emerge a pair of set ups which will brings us face to face with the intuition comprehension of a part of count itself.
 10. A reach from count '1' to a part of 'count 1', is a reach of sequential step beginning with Ganita Sutra 1 and same after being through Ganita Sutra 1 and Ganita Upsutra 2. There being a reach at Ganita Upsutra 2.
 11. One may have a pause here and to take note that the reach from count 1 to infinite range of counts as a first step and back reach from infinite range of count to infinite number of fold of finite counts range and ultimate reach at the part of count 1 itself, in a way makes a complete reach of counts '1' itself.
 12. It is this reach which is a reach of infinite count range of a linear order / 1-space as an order with straight line as its body and interval being its representative regular body.
 13. A step ahead, count to as its full range as spatial counts range of reach back to part of count to gives a reach at the spatial order numbers systems.
 14. Liner order number system to spatial order number systems, a step ahead from spatial order number system to sold order number system and solid order system to creative order number system and so on, there is a sequential range of number system.
 15. One may have a pause here and to take note that Ganita Sutra 1 and 2 together with Ganita Upsutra 1 and 2 gives a reach for whole range of number systems of entire range of orders.
 16. Ganita Sutra 3 and Ganita Upsutra 3 onwards is going to be a reach from algebra, geometry and manifestation , as well as transcendence onwards set ups by simultaneously availability of artifices of numbers and dimensional frames.
-

MATHEMATICAL TOPICS

1

NUMBERS SYSTEMS

1. First school mathematics topics is number- systems
2. Starting with counting numbers, sequentially there reach up till complex numbers.
3. Real numbers and complex numbers are two distinct numbers systems.
4. Real number systems lead to real numbers lines.
5. Complex numbers lead to complex numbers plane.
6. Real numbers are classified as rational numbers and a rational number as per their expression in terminating and non-terminating but recurring forms of decimals expression for rational number and non-terminating and non-recurring decimal expression for a rational numbers.
7. Reach from counts to integers to rational numbers are the sequential progression steps.

8. These progression steps beginning with comprehension of count 'one' and its reach to count 'zero' as well as 'two' as the basis base mathematics rule.
9. The properties of real numbers as real numbers linear and complex numbers as complex number plane are being worked out for their pure and applied values and as basis of real and complex analysis.

2

POLYNOMIALS AND EQUATIONS

1. Polynomials and equations of single and double variables are the focus of mathematics teaching and of this mathematical topic.
2. The solutions of linear and coordination equations and geometrical meaning there of are specific aspects which come at the centre of learning and teaching under this text.

3

EUCLID GEOMETRY

3. Lines, angles, surfaces, curves, (triangle, quadrilaterals, circles etc) are the basic feature of this topic.
4. Coordinate geometry of two dimensions and three dimensions are the other aspect of this topic.
5. Length, area and volume determination is another aspect of this topic.
6. Construction of different geometric set up is one another aspect of this topic.

4

TRIGONOMETRY

1. Side and angle relationship of triangle is the central aspect.
2. Trigonometry functions is the another aspect of this topic
3. Inverse trigonometry functions as well are the aspect being cover under this topic.

5

MATHEMATICAL TOOLS

1. Matrices and determinates, vector, derivatives and integrals and as well as differential equations are the specific mathematical tools.
2. With the help of these tools applied values of pure value of mathematics are worked out.
3. These mathematical tools are of great applied values.

6

SPECIFIC MATHEMATICAL TOOLS VALUE TOPIC

1. Sets with operators.
2. Mathematical induction
3. Binomial theorem
4. Mathematical reasoning
5. Linear programming
6. Probability
7. Proofs in mathematics
8. Mathematics modeling
9. Infinite series

7

ALGORITHMS

1. Algorithms of proofs and solutions of mathematical propositions are the conceptually values of mathematics being aimed to be learned and to be taught under the NCERT syllabus of school mathematics.



GANITA SUTRA AND REAL NUMBERS

1

GANITA SUTRAS

1. Ganita Sutras and upsutras are a complete systems.
2. It is a complete mathematical system.
3. Ganita Sutras make a basis base system for Vedic knowledge of its pure and applied value, as well as, for its organization parallel to vidhi, vidhan of existence phenomenon of our solar universe.
4. Existence phenomenon of our solar universe is within frame, as well as without frame.
5. Existence within frame is of compactified frame format.
6. The compactification inherently, self-referral, and the same sequentially unfold along the Sathapatya measuring rod format. This format is a format for parallel approach of artifices of numbers and dimensional frames.
7. Artifices of numbers integrate values of number parallel to dimensional frame integrating dimensional domains.

8. As such artifices of number, presume the existence of dimensional frames, while dimensional frames presume the existence of artifices of number, as such while glimpsing, comprehending and imbibing the values and working rule of Ganita Sutras (and upsutras), it shall be alive and to conscious as that here, the mathematics of values of numbers takes to artifices of number, which presume the existence of dimensional frames.
9. Further, the values and working rule of Ganita Sutras and upsutras simultaneously lead to mathematics of dimensional spaces which remain integrated by dimensional frames, and the same presume the existence of artifices of numbers.
10. With it, artifices of number (values) have availability of dimensional frame formats.
11. Accordingly the numbers value, inherently have the measure of artifices available to them for their organization.
12. As such, count 1 while duplicates itself, the same also, simultaneously halves itself as well.
13. It is this feature which with the freedom for the measure value which we taken to equally '1' and accordingly about its duplication and halving which bring in the popularly known 'decimals expression' for numbers values.
14. The reach from organization of counts along dimensional format to decimals expression format for numbers values is a chase steps reach from Ganita Sutra 1 to Ganita Sutra 2 with availability of Ganita Sutra 1, and a step ahead, their happen to be a reach at Ganita Upsutra 2.

2

DECIMAL EXPRESSIONS FOR NUMBERS VALUES

1. Parts of whole numbers as measure units accept decimal expressions.
2. One may have a pause here and to take note that decimal expression is ten place value formats.
3. This place value format of basis base of creative boundary of ten components of transcendental domain of 5-space.
4. The proportionality summity rule of the forms as are framed (dimensional body, along hyper cube format) the same lead to a sequence of place value system deserve to 2 place value system along the boundary of hyper cube 1, four place value system along the boundary of hyper cube 2, 2n place value system along the boundary of hyper cube n).
5. As such the Ganita Sutra systems are of general format and ten place values system is its one specific situation.
6. Decimal expression of numbers values are of 3 types termination second infinitely re-creating of small steps, of infinite range but non re-creating of small steps.
7. Most glaring illustration are of decimal expression for $1/2$, $1/3$, $\sqrt{2}$.

3

NUMBERS PAIR (-1, +1)

1. Interval $[0, 1]$, interval $[0, -1]$ are of opposite orientations.
2. Both accepts, (1-1) correspondence and their by, that way, in that order acquire equality bond.
3. Whole range of a straight line becomes equivalent with interval $[0, 1]$.
4. Real numbers interval '0, 1' and real numbers lines, as well acquire equivalence.
5. As such, a straight line, are a real numbers line just manifests itself in full, like that, a unit interval range.
6. The open interval '0, 1' meet be of a straight line or of a real numbers line, the same as distinct but interrelated values with closed interval $[0, 1]$.
7. The difference, pair of end points (values), namely {'0', '1'}, is significant.
8. It is the significance of this difference, with deserve to be glimpsed and to be comprehend well for its full appreciation to have a proper insight and to attain appropriate enlightenment about this organization format feature of straight line as an interval, and real numbers interval as whole real numbers line..

4

COUNTS GAP

1. Counts {'0', '1'} have a gap.
2. Pair of counts and gap in between, together make a values '3'.
3. A range of four points as a coverage of 3 units gaps.
4. These together make a value '7'.
5. Range of four points as 4 counts {'1', '2', '3', '4'}, sum value $(1+2+3+4) = 10$ and ten points range covers 9 units gaps range and their by this set up become of value $10+9 = 19$.
6. One may have a pause here and to take note that $7+19 = 26$ is a values range, which deserve to be comprehended well as being a result of above organization steps.
7. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature of set up of counts together with gaps in between them.
8. These features of mathematics of counts deserve to be comprehended well.
9. The counts and gaps in between the counts are naturally of different generic values counts and of gaps between them.
10. It is the simultaneous organization of a pair of set ups of counts as is the case of counts and their gaps, which makes a mathematical domain of format feature then that of same generic counts.
11. Interval $[0, 1]$, as it is a set up of a paired pair of different generic count.
12. The set up (0, 1) of open interval is of a single generic counts set up because of a pair of different generic counts there happen to be a difference of orientation of which first orientation would be a reach from first generic count to the second

generic count and the second orientation would be of a reach from second generic count to the first generic count.

13. One may have a pause here and to take note that n points cover $(n-1)$ units.
14. A step head $(n-1)$ unit shall be covering $(n-2)$ surface, as such the reversal of the orientation say from interval $[0, 1]$ to interval $[0, -1]$ is going to be of reach from start with n point set up $(n-2)$ surfaces set up.
15. One may further have a pause here and to take note that in the process, a shift value n to value $(n-2)$ in a way is a shift from n -space as domain to $(n-2)$ dimensions.
16. It would be a blissful to take note that n points (0 -space bodies) have taken us to $(n-2)$ surfaces.
17. One may further have a pause here and to take note that 0 -space plays the role of dimensions of 2 -space.
18. As such here, inherently there is also a reversal of orientation, as much as that previously the format being $(n$ -domain, $n-2$ dimension) and now (0 -space as dimension, 2 -space as domain) is the organization format.
19. It is this feature which deserve to be comprehended well, it shall be bringing us face to face with pair of value $(-1, +1)$ being of format of -1 space as dimension, $+1$ space as domain.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the values and feature of above organization.
21. It is the distinctiveness of format of $-1)$ value than that of $+1)$ value and it is the interrelationship of values pair $(-1, +1)$ as -1 space as dimension and $+1$ space as domain, which deserve to be glimpsed simultaneously to comprehend the organization format of values triples $(-1, 0, +1)$, as three folds (-1 space as dimension, 0 space as boundary, $+1$ space as domain) accepting 2 -space as origin.
22. It is this reach within surface as of 4 quarters parallel to quadruples value $(-1, 0, 1, 2)$ of summation value $(-1+0+1+2 = 2)$, which deserve to be comprehended well to reach at different value system than that of real number systems.
23. It is within linear order space that there has been a reach at real number system, and it is with reach within spatial order space that along with real number system, parallel emerges opposite orientation number system.
24. Spatial order leads to a pair of dimensions of parallel and opposite orientation.
25. Because of spatial order itself being of a 0 dimensional order, as such dimensional frame of spatial order splits into a pair of dimensional frames of half dimensions.
26. With it, the roots of positive and negative orientation units play their specific role.
27. Negative orientation units and positive and roots of positive orientation units, together make a spatial order number system.
28. This number systems is a pair of stream, of which one stream is parallel to real numbers range and second stream is distinctively designated in the present phraseology being complex numbers.

29. One shall sit comfortably and permit the transcending mind to glimpse distinctive feature of real number and complex numbers.



**GANITA SUTRA
(LEARNING AND TEACHING FOCUS)**

1

GANITA SUTRAS TEXTS

1. Athrav-Ved Ganita Sutras are 16 in number. In addition there are 13 Ganita Upsutras.
2. As such, Ganita Sutras texts run over 16 sutra and 13 upsutras.
3. This text avails 36 letters in all.
4. The complete range of the texts of these 36 letters is of 519 letters (counted as frequencies of occurrence of 36 letters).
5. In one sense, text is small one, and same can be memorized just with a few recitations.
6. In other sense, it is a very big range, as much as that ten place value system successful organizes whole range of numbers, while Ganita Sutras require 36 independent letters and there frequency come to be 519 for the coverage.
7. Of 52 letters Devnagri alphabet format (9 vowel, 33 consonant and 8 yama letters), Ganita Sutras avail only 36 letters and the difference value $(52-36) = 16$ is of significance, as that there are 16 sutras and Ganita Sutra 1 is a composition of 16 letters, and further as that sole syllable 'Om' accepts transcendental code value 16 and number value 16 accepts a unique organization $16 = (2 \times 2 \times 2 \times 2) = (4 \times 4)$ and that the product of 3 consecutive even number is a multiply of 16.
8. All these feature lead to a feature as that the count gaps as well can be counts wise quantify as new generic counts and the original generic counts and gaps generics counts together make a continuous domain.
9. With it, the Ganita Sutras text organization is formatted in such a way that 'infinite' is being worked out 'in finites'/as within finites.

2

APPROPRIATE CHASE SYSTEM OF GANITA SUTRAS

1. Ganita Sutras text specifically avails formulation for numbers values [sunya (0), ek (1), dwaya (2), sapt (7), nav (9) and dash (10)].
2. The values range (0, 1, 2, 7, 9, 10) jumps over values range (3, 4, 5, 6, 8).
3. With it, Ganita Sutras learning and teaching focus comes to be upon the values range (3, 4, 5, 6, 8).

4. One may have a pause here and to take note that $(3+4+5+6) = 18$ and $(18+8) = 26$ is the values pair (18, 26) whose reach as a mathematical domain values reach as well is to be learnt and to be taught with focus the attention as an attainment learning and teaching of mathematical values of Ganita Sutras.
5. Values quadruples (3, 4, 5, 6) is parallel to 4 folds manifestation layer (3, 4, 5, 6) / (3-space as dimension, 4-space as boundary, 5-space domain and 6-space as origin) of hyper cube 5, the representative regular body of 5-space / transcendental domain with in creator's space (4-space) accepting transcendental origin (5-space as origin of 4-space).
6. Further as that, the 5-space in the role of dimension (as transcendental dimension) creates unity state (7-space set up) formatted as hyper cube 7 being a 4 folds manifestation layers (5, 6, 7, 8) of summation value $(5+6+7+8) = 26$.
7. One may further have a pause here and to take note that formulation aayatan (volume) and akash (space) accepts transcendental code value 18 and 8 respectively, as such formulation aayatan akash accepts transcendental code value $(18+8) = 26$.
8. As such, learning and teaching focus of Ganita Sutras comes to be upon hyper cube 5 in its dimensional role for transcendental.
9. Further as that, these feature marks their presence as volume and space (of cube / hyper cube 3, in the role of solid dimensional order of 5-space).
10. With it, the appropriate chase system of mathematical domain of Ganita Sutra bring us face to face with the Ganita Sutras focus upon learning and teaching of manifestation of transcendental contained (5-space) contained, as domain fold of hyper cube 5 and the creation attainment of 5-space as transcendental dimensions.

3

SPATIAL ORDER CREATOR'S SPACE

1. Ganita Sutras mathematics is the basis base mathematics of Vedic knowledge. Vedic knowledge system of spatial order creator's space (2-space in the role of dimension of 4-space).
2. Vargas / square / hyper cube 2 is the representative regular body of 2-space.
3. Text of Ganita Sutras accepts formulation Vargas (as part of the Ganita Sutra 7) as the only manifested state formulation, as it is to play the basic format for reach at whole range of manifested creation as dimensional spaces and their dissolution.
4. With it, learning and teaching of Ganita Sutra focus for comprehending and imbibing the value of our existence phenomenon within our solar universe, within or without frame, including human frame and the solar universe, comes to be the manifestation and dissolution of the dimensional spaces range [3 (3-space / hyper cube 3), 4 (4-space / hyper cube 4), 5 (5-space / hyper cube 5) and 8 (8-space/hyper cube 8)].
5. Ganita Sutras systems are self-referral, as much as that it s processing system are cyclic in nature and the unique technique of Vedic Mathematical modeling and reasoning well reflect in acceptance of formulation 'ek' accepting transcendental code value 8.

6. And that, the learning and teaching of values range (3, 4, 5, 6, 8) and again having a beginning with (value 1) and its reach (0, 1, 2, 7, 9, 10) as per the Ganita Sutras, will put the system in cyclic order of add-infinitum rounds.
7. One may have a pause here and to take note that formulation triya (3) as well accepts transcendental code value 8.
8. It would be blissful to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these organization format feature of Ganita Sutras processing systems and to acquire proper insight and to attain appropriate enlightenment about our existence phenomenon within our solar universe.
9. With it, the learning and teaching focus, in its sequential steps of phased manner reach comes to be as the approach of ‘Triloki’ and ‘Trimurti’, which together as quadruples steps learning and teaching comes to be as of ‘first step to be learn and teach 3-space Mathematics, Science & Technology and the sub-sequent, second, third and fourth step being to learn and teach 4-space Mathematics, Science & Technology, 5-space Mathematics, Science & Technology and 6-space Mathematics, Science & Technology respectively.

4

FIRST LEARNING AND TEACHING PHASE

(i)

GENERAL

1. First learning and teaching phase of Vedic Mathematics is about 3-space mathematics, science and technology.
2. It takes us to the format of hyper cube 3 which is a four folds manifestation layer (1-space as dimension, 2-space as boundary, 3-space domain and 4-space as origin).
3. This manifestation of hyper cube 3 format is upon the basis base 4 folds creation format of creator’s space.
4. Creator’s space is a spatial order space with 0-space as its dimension of dimension order.
5. Basis base format takes us to dimension of dimension level existence phenomenon.
6. It has of four folds of four sequential progression folds makes a set up of quadruples values $(1^0, 1^0 \times 1^0, 1^0 \times 1^0 \times 1^0, 1^0 \times 1^0 \times 1^0 \times 1^0)$ super imposed upon quadruples values $(1^0, 1^0+1^0, 1^0+1^0+1^0, 1^0+1^0+1^0+1^0)$ which makes a set up of superimposed resultant quadruples values manifestation format:

$$\{ \{ (1^0) + (1^0) \}, \{ (1^0+1^0) + (1^0+1^0) \}, \{ (1^0+1^0+1^0) + (1^0+1^0+1^0) \}, \{ (1^0+1^0+1^0+1^0) + (1^0+1^0+1^0+1^0) \} \} = \{ \{ (1) + (1) \}, \{ (1) + (2) \}, \{ (1) + (3) \}, \{ (1) + (4) \} \}.$$

7. As $n^0=1^0$, for all value of n, as such the final quadruple values remain constant as (2, 3, 4, 5) of summation value 14, which is parallel to the summation value of 4 folds manifestation layer (2, 3, 4, 5)/ 2-space as dimension, 3-space as boundary, 4-space as domain and 5-space as origin) and of hyper cube 4, the representative regular body of 4-space.
8. Further as that, quadruple of fine value (1, 1, 1, 1) of summation value 4 and quadruple sequential value (1, 2, 3, 4) leads us to grand summation value 14.
9. One may have a pause here and take note that transcendental code value Vargas (square) and transcendental code value of Ghan (cube), in both cases is '14'.
10. As such, it is the first feature of the set up of cube / hyper cube 3, which deserves to be comprehended well and to be fully imbibed to have proper insight and appropriate enlightenment about the manifestation format value of hyper cube 3 / cube, the representative regular body of 3-space.

(ii)
Cube

1. Let us revisit the set up of cube.
2. It has eight corner points and in each of the corner point is embedded a 3 dimensional frame of half dimensions with orientations inward towards centre of the cube.
3. Eight corner points are coordinated by 12 edges which sustain as boundaries of coordinated 6 surface plates.
4. This geometric enveloped of 8 corner stitched by 8 corner points, 12 edges and 6 surfaces envelops volume (domain fold of cube / hyper cube 3).
5. Cube has 4 internal diagonals passing through centre of the cube and coordinating all the 8 corner points as paired quadruple ends points of the diagonal.
6. These internal quadruples diagonal manifest a translation path for the dimensional frames embedded at the ends points of the diagonals.
7. With the translation of the pair of diagonal from the end points of the diagonal up till centre of the cube results into their synthesis as a 3 dimensional frame of full dimensions.
8. So emerging quadruple 3 dimensional frames of full dimensions together with 3 dimensional frames of full dimensions with it origin at the centre of the cube itself , makes a set up of five 3 dimensional frames of full dimensions, a set up parallel to a solid dimensional frame of 5 dimension of transcendental domain (5-space).
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these organization format features of the set up of cube / hyper cube 3.
10. This is the set up of cube with its centre getting sealed because of superimposition of the origin of a solid dimensional frame of transcendental domain (5-space).

11. One may have a pause here and take note that 4-space plays the role of origin of 3-space and 5-space plays the role of base of origin.
12. One shall further sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above organization format feature of 5-space playing the role of base of creative origin (4-space as origin of 3-space).
13. With the availability the transcendental base (5-space as base, 3-space permits split as 8 octants parallel to it cube splits into eight sub cubes.
14. One may further have a pause here and take note that 8 sub cubes envelop centre of the cube / origin of 3-space as a solid boundary of 8 components making centre of the cube as a seat of hyper cube 4, a 4-space domain envelops with solid boundary of 8 components.
15. One may further have a pause here and take note that centre of the cube is a seat of inner most corner of each of 8 sub cubes.
16. As such, centre of the cube becomes a collapse point of cube itself.
17. One may further have a pause here and take note that the split of each of 8 sub cubes into eight sub-sub cubes and the inner most eight sub-sub cubes of eight sub cubes together synthesize a set up parallel to the set up of cube, as for as volume is concern but in respect of enveloping boundary, there emerges a very and beautiful transcendental phenomenon because of the availability of transcendental base for the creative origin of 3-space.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to take note that the enveloping boundary of a sub cube is a set up of 8 structural component (1 corner point, 3 dimension, 3 surface plates, 1 volume) and that this structural format is retained even on further split for a sub cube into eight sub-sub cubes as much as that the eight sub-sub cube is having enveloping boundary of only 8 structural components.
19. It is this feature which brings us face to face with the chase of number value 8 at its very first phase of quadruple phases of quadruple values (3, 4, 5, 6), of which the first phase is chase of value 3 / 3-space / hyper cube 3 / cube / representative regular of 3-space which split into 8 sub cubes and each sub cube further split into eight sub-sub cube and the process continuous add-infinitum and as such the cube deserves to be chased in its static state and as well in dynamic state with sealed origin and further cube as hyper cube 3 format also deserves to be chased of transcendence phenomenon happening at its centre taking us up till the transcendental base.
20. Therefore, the domain fold of cube deserves to be chased in terms of a Sathapatya measuring rod synthesized by hyper cubes 1, 2 and 3.

(iii)

SATHAPATYA MEASURING ROD OF 3-SPACE

1. Sathapatya measuring rod of 3-space is synthetic step of hyper cubes 1, 2 and 3.
2. Hyper cube 1 is four folds manifestation layers (-1, 0, 1, 2) of summation value $(-1+0+1+2) = 2$.
3. Hyper cube 2 is a four folds manifestation layer (0, 1, 2, 3) of summation value $(0+1+2+3) = 6$.
4. Hyper cube 3 is a four folds manifestation layer (1, 2, 3, 4) of summation value $(1+2+3+4) = 10$.
5. Hyper cubes 1, 2 and 3 together lead to grand summation value $(2+6+10) = 18$.
6. One may have a pause here and take note that hyper cube 3 accepts domain boundary ratio $a^3:6b^2$, as such spatial boundary of 6 components gets fixed within a 3 dimensional frame in terms of $6 \times 3 = 18$ coordinates.
7. Still further number value 18 permit re-organization as $18 = (3+4+5+6)$, which is parallel to four folds manifestation layer (3, 4, 5, 6) / (3-space as dimension, 4-space as boundary, 5-space as domain, 6-space as origin) of hyper cube 5.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above organization format feature of Sathapatya measuring rod of 3-space.

(iv)

CHASE OF 3-SPACE DOMAIN WITH SATHAPATYA MEASURING ROD

1. The chase of 3-space domain with Sathapatya measuring rod, as such brings us face to face with the feature of 3-space domain being a 3 space contained lump manifesting a domain fold.
2. With it, the points of 3-space domain are the structure point of 3-space domain contained set ups.
3. The straight line providing format for so structured points of 3-space domain makes the manifestation of 3-space contained over a straight line being of its distinctive feature because of 3-space contents.
4. Interval as such is a negative linear order set up (-1)-space as dimension of 1-space and the manifestation of 3-space contents structured point along the 1-space body format is of a linear dimension order, (+1)-space playing the role of 3-space dimensions.
5. One may have a pause here and take note that interval in itself is a (-1)-space in the role of dimensions while hyper cube 1 format of the constitution of Sathapatya measuring rod of 3-space is manifesting domain of (+1)-space as dimension.

6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged of trans and to glimpse and imbibe these distinguishing feature of hyper cube 1 as representative regular body of 1-space and as constitution of Sathapatya measuring rod of 3-space where by, there is going to be a manifestation of 3-space content which is of a linear dimensional order which in itself as a liner domain is of a negative linear dimensional order.
7. Likewise, one shall comprehend and imbibe the values of hyper cube 2 as a zero order 2-space body, when is a constitution of a Sathapatya measuring rod of 3-sapce, the same as provide a format of manifestation of 3-space contents along the surface (2-space body format).
8. A step ahead, hyper cube 3/ cube is a linear order set up but while hyper cube 3 becomes a constitution of Sathapatya measuring rod of 3-space, the same becomes a format of solid order.
9. One shall have a pause here and permit the transcending mind to continuously remains in prolonged sitting trans and to glimpse and imbibe the values of interval vis-à-vis interval within a cube.
10. A step ahead, one shall glimpse and imbibe, distinguishing features of a cube, and a cube within cube.
11. It would further be blissful to chase interval, square and cube within a cube as manifestation along single axis, pair of axis and all are three axes respectively.
12. One may have a pause here and take note that interval is a negative linear order set up but while it would be chase as manifestation along single axis of 3-space, it would be chase in terms of a positive linear order.
13. Likewise, while square is a zero dimensional set up order and as such having a dimensional frame of a pair of dimensional of zero order, but when square is chased within a cube along a pair of axis of 3-space it would amount to chase within a dimensional frame of a pair of linear dimensions.
14. However cube within cube takes us to a distinct phenomenon of cube transiting from its static state to a dynamic state and their by it transits and transforms form its role as a domain fold to its role as a dimension fold/ solid dimension of transcendental domain.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the values of chase of 3-space domain in terms of Sathapatya measuring rod synthesized by hyper cubes 1, 2, 3 to which will be transforming role of 3-space as domain to role of 3-space as dimension.

(v)

3-SPACE

1. When space is approached in terms of a dimensional frame of 3 dimensions, it makes space within this dimensional frame being a 3-space.
2. When the dimensions are of linear order it makes a 3 dimensional frame of linear dimensions.

3. Likewise, when 3 dimensions are of a spatial order (2-space) in the role of dimension, then it makes a 3-space of spatial dimensional frame.
4. One may have a pause here and take note that the 3-space domain accepts its chase in terms of a 3 dimensional frame of 3 linear dimensions, as well as in terms of a 3 dimensional frame of a 3 spatial dimensions.
5. It would be a blissful exercise to cut a soap cake, with a knife blade into eight sub cakes by 3 attempts parallel to a cart is frame axes.

(vi)

PINGLA CHAND SHASTRA

1. It would be a blissful to visit following organization format chase steps of Pingla Chand shastra:

(I)	SSS
(II)	SS1
(III)	S1S
(IV)	1SS
(V)	11S
(VI)	1S1
(VII)	SS1
(VIII)	111
2. This is binary format for chase of spatial order split of 3-space.
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to continuously glimpse the above parallel organization of 3-space set up and binary order of numbers values mathematics.

(vii)

DIFFERENT ROLES OF 3-SPACE AND 3X3 GRIDS

1. 3-space plays different roles and of which prominent roles are as dimensional fold, boundary fold, origin fold and base fold.
2. These five distinct role of 3-space may be depicted as 5x5 matrix grids as follows:

-1	0	1	2	3
0	1	2	3	4
1	2	3	4	5
2	3	4	5	6
3	4	5	6	7

3. Let us have a fresh look at the above organization and it will come to focus the attention as that along north east diagonal there is a common value '3' at all points of this grid along its this north east diagonal.
4. One may further have a pause here and take note that one of the features of the organization format of NxN matrix grids is that it has N points along each of its rows, as well as along its each of the column, as well as along both of its diagonals.
5. This feature of this grid NxN, for N, a very large number make an infinite grid covering whole of the surface where in there will remain no distinction between the rows and columns twisting and shifting along the format of the diagonals.
6. One may further have a pause here and take note that it will amounts to transition and transformation from the dimensional frame into dimensional frame of their diagonals.
7. It will further amounts to transition and transformation from addition (+) to multiplication(x) operation.
8. One may have a pause here and take note that $2+2 = 2x2 = (-2) \times (-2)$ will brings us face to face with the spatial order creation.
9. It is this transition and transformation which happen for the cartization NxN grid which deserve to be comprehended well and same to be fully imbibed to acquire proper insight and appropriate enlightenment of the happening of transition and transformation from linear order set up to a spatial order set up.

(viii)

SYNTHESIS OF CUBES AND SPLIT OF CUBE INTO SUB CUBES

1. One cube is a set up of 27 structural components.
2. One when is synthesizing with another cube, one of the surface plate goes on manifestation and their by the contribution because of the second cube remain only of $27-9 = 18$ components.
3. This way the synthesis of 8 cubes as a cube leads to structural component $(27+18) + (18+12) + (18+12) + (12+8) = 125$.
4. One may have a pause here and take note that $27 \times 8 = 216$ structural component, after synthesis remained only 125 structural components.
5. The equation $216-125 = 91$ deserves to be comprehended well for imbibing to how synthesis as many as 91 structural components go un-manifests.
6. One way to look at this phenomenon is the reflection effect of value 91 which is equivalent to NVF (mirror) it would be blissful exercise to revisit above set up $6^3-5^3 = 91$ marking its presence as a result of synthesis and reflection happening and being responsible for this phenomenon.
7. Further as that, the cube of structural components $27 = 3^3$, as a set up of 8 sub cubes happen to be a structural set up of 5^3 cube structural components.
8. This interrelationship of quadruples values [$3^3, 5^3, 6^3$ and $(2 \times 6 + 1) \times (6 + 1)$] bring us face to face with the way a 3 dimensional frame splits into a pair of 3 dimensional frame of half dimensional.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the organization format features of 3-space, 3-space contents, 3-space dimensional frames and hyper cube 3 as manifestation format of bodies of 3-space and different role of 3-space content lump manifesting as domains fold.

SECOND PHASE LEARNING FOCUS

1

GENERAL

21. Second phase learning and teaching focus upon number value '4' / 4-space / hyper cube 4 format.
22. Previous first phase focus upon the number value '3' / 3-space / hyper cube 3 format.
23. Focus of sub sequent two phases (third and fourth phase) of learning and teaching would be upon number value '5' / 5-space / hyper cube 5 and number value 6 / 6-space / hyper cube 6 formats, respectively.
24. Number value '4' is the first composite number. It has unique feature, which amongst others, are as under:
 - (v) $2+2 = 2 \times 2 = (-2) \times (-2)$.
 - (vi) $2^4 = 4^2$.
 - (vii) $(2 \times 2 \times 2) - (-2 + 2 + 2) = 2$
 - (viii) $(2N) \times (2N+2) \times (2N+4) = (2^4 \times M)$ for all natural numbers values of N and M.
25. 4-space is a spatial order space (2-space plays the role of dimension of 4-space).
26. 4 dimensional frame is a set up of 4 spatial dimensions.
27. Hyper cube 4 is the representative regular body of 4-space.
28. Hyper cube 4 is a 4 folds manifestation layer (2, 3, 4, 5) / (2-space as dimension, 3-space boundary, 4-space domain, 5-space as origin).
29. 4-space is designated as creator's space.
30. Lord Brahma is the over lord of 4-space.
31. Idol of Lord Brahma is of format feature parallel to format feature of hyper cube 4.
32. Lord Brahma is presiding deity of measure of Sathapatya measuring rod.
33. Lord Brahma is a four head Lord.
34. Each head of Lord Brahma is equipped a pair of eye.
35. Lord Brahma sits gracefully upon lotus seat of 8 petals and meditates gracefully with in cavity of his own heart.
36. Within cavity of heart Lord Brahma is the seat of transcendental Lord Shiv.
37. Transcendental Lord Shiv is a five head Lord with three eyes equipped in each head.
38. With the grace of transcendental Lord Shiv Lord Brahma multiply as ten Brahmas.
39. This is parallel to 4-space playing the role of creative boundary of 10 components of transcendental domain (5-space).
40. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the format feature values of above phenomenon of 4-space.

2

REAL 4-SPACE

7. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the existence of real 4-space.
8. The space around us is a real 4-space with a compactified range of origins.
9. With the real 4-space, 3-space bodies have a degree of freedom of motion which manifest as 13th edges of 12 edged cube.
10. The solid boundary of 8 components of hyper cube 4 accepts fixation in terms of $8 \times 4 = 32$ coordinates of 4 dimensional frames.
11. Mana-Sara, the scripture of Sathapatya up-Ved of Arthrav-ved preserves the manifestation feature of 4-space body set up being of 32 external god and 13 internal god.
12. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature of the set up of hyper cube 4.

3

TRANSITION FROM HYPER CUBE 3 TO HYPER CUBE 4

13. Hyper cube 3 (cube) has 7 versions parallel to 7 geometries range of 3-space.
14. Hyper cube 4 has 9 versions, parallel to 9 geometries range of 4-space.
15. The simultaneous existence of existence during manifestation of hyper cube 4 as 3-space in the role of boundary and 4 –space in the role of domain gives a range of $7 \times 9 = 63$ unit set ups.
16. One may have a pause here and take note that the solid boundary accepts fixation in terms of 32 coordinates within 4 dimensional frames.
17. Further as that, 32 points range covers 31 units range.
18. This as such, brings in the complete range of points and gaps being of value $32 + 31 = 63$.
19. One shall further have a pause here and take note that value $32 = 2^5$ which is parallel to 32 combination of choices from the range (1, 2, 3, 4, 5, 6) of summation value 6 in each case.
20. Still further, $32 - 1 = 31$ is a prime.
21. Further as that cube with its 3 dimensional frames is a structural set up of 31 components (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes and 1 origin (center)).
22. Further as that, 3-space has dimension leads to 6-space as origin of 5-space within creative boundary of 10 components.
23. Still further, as that the third perfect number (496) accepts 9 proper divisors (1, 2, 4, 8, 16, 31, 62, 124, 248) with '31' as the biggest prime divisor of prime proper divisor of '496'.
24. One may have a pause here and take note that 4-space has 9 geometries range, parallel to which are 9 version of hyper cube 4.

SEVENTH VERSION OF CUBE

12. Seventh version of cube is free of all its boundary components.
13. This existence of (7th version of cube) within 4-space is their because of 3 dimensional frame of linear dimension, as well as, 3 dimensional frame of spatial dimensions being their integrating the domain of 3-space body (7th version of cube) as a body of 7th geometry of 3-space.
14. One may have a pause here and take note that 4-space is a spatial order space (2-space in the role of dimension of 4-space).
15. 2-space accepts a Sathapatya measuring rod synthesized by hyper cube 1 and hyper cube 2.
16. It would be a blissful to take note that manifestation of interval and square within a square, will, that way will further manifest interval and square within interval square.
17. Now, let us revisit the set up of 7th version of cube.
18. It is integrated because of a pair of 3 dimensional frame of linear and spatial dimensional respectively.
19. This pair of 3 dimensional frames of 3 linear dimensions and 3 spatial dimensions, with common origin at centre of the cube, as such shall be leading to 13 structural components namely, 1 origin, 6 half linear dimensions, 6 half spatial dimensions.
20. Further as that, the super imposition of linear dimensional frame upon spatial dimensional frame shall be leading to 19 structural components namely (1 centre, 6 half linear dimensions, 12 quarter squares / spatial dimensions).
21. One may have a pause here and take note that this leads to $13+19 = 32$ structural components for interval and square within the interval square while interval will have additional 13 structural components.
22. This will takes us to and total of $13+32 = 45$ structural components, which is parallel to the preservation of Mana-Sara as of 13 interval god and 32 external god.

LET US REVISIT HYPER CUBE 3 (CUBE)

4. Within each corner point of cube is embedded a 3 dimensional frame of half dimensions of inward orientations towards centre of the cube.
5. The other 3 dimensional frames of half dimensions of outward orientation, in respect of all the eight corner points set ups, as such shall be leading to outward fixation for cube in terms of $8 \times 4 = 32$ structural components.
6. Further as that, the internal fixation of domain fold of the cube being in terms of a pair of 3 dimensional frames, of linear dimensions, as well as, of spatial dimensional respectively, the same shall be leading to 13 structural components, namely, (1-origin, 6 half linear dimensions, 6 half spatial dimensions).

6

13TH EDGE OF SPATIAL FORMAT

11. 4-space domain manifests 13th edge of 12 edges cube toward a degree of freedom of motion.
12. 3-space body as a degree of freedom of motion toward 4th dimension.
13. As 4-space is a spatial order space, as such 2-space plays role of dimension of 4-space.
14. Accordingly 13th edge has a spatial format.
15. Moreover, this degree of freedom of motion for 3-space body is available towards each of the 4 dimension of 4-space.
16. With it, 4-space domain has complete swapping in terms of $13 \times 2 \times 4 = 104$ structural components.
17. One may have pause here and take note that NVF (four space) = 104.
18. It would be a blissful exercise to revisit the structural set up of 4-space domain permitting swapping in terms of 13th edged cube with spatial format for the 13th edge.
19. One shall tabulate all these features.
20. Further one shall specifically focus upon the set up of a 4-space domain as 9th version of hyper cube 4 parallel to 9 geometry of 4-space.

7

NINTH VERSION OF HYPER CUBE 4

9. Ninth version of hyper cube 4 is 4-space domain free of all of its eight solid boundary components.
10. One may have a pause here and take note that 4-space domain has 9th version of hyper cube 4 is free of its all eight solid boundary components but is integrated because of its spatial and solid dimensional frame being simultaneously available here.
11. One may have a pause here and take note that 4-space has a transcendental origin.
12. Transcendental origin (5-space as origin) is of a solid order (3-space in the role of dimension of 5-space).
13. 4-space domain itself of a spatial dimensional order while its origin is of a solid dimensional order.
14. This way 4-space domain in the absence of its boundary, as well remain in integrated state because of simultaneous availability of spatial and solid order.
15. 4-space dimensional frame of 4 spatial dimensions and 4 space dimensional frame of 4 solid dimensions, together make a set up which integrates 4-space domain free of this boundary.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe above format feature values organization.

8

CENTRAL FOCUS : SPATIAL ORDER

11. Spatial order is the central focus of this phase of learning and teaching of creative the space.
12. Spatial order means 2-space in the role of dimension.
13. 2-space in the role of dimension takes us to 2-space domain playing the role of dimension.
14. 2-space domain is a 2-space contents lump manifesting as domain fold of hyper cube 2 as a 4 folds manifestation layer (0, 1, 2, 3) of summation value '6' which takes us to spatial boundary of 3-space of 6 components.
15. Spatial boundary of 3-space of 6 components, as such accepts re-organization as $6 = 2+4$ and take off from the spatial boundary manifests as a 4 dimensional frame of 4 spatial dimensions.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of tans and to glimpse and imbibe above features of manifestation of 4 dimensional spaces of four spatial dimensions.
17. One may have a pause here and take note that the organization $6 = 2+4$ and the value 2 square and 4 square, as a jump over 3 square is a feature, which also deserves to be comprehended well and fully imbibed.
18. This also brings face to face with the set up of a pair of grids $N \times N$ and $(N-2) \times (N-2)$ set ups.

19. In case of grids pair 4x4, 2x2 we can glimpse as that 4x4 grids leads to 3x3 grid zones and this further leads to 2x2 grids with corner points of 2x2 grids getting superimposed upon the corner points of the outer 4x4 grids.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature.

9

CENTRES OF GRID ZONES AS CORNER POINTS OF ANOTHER GRID

8. Grids lead to grid zones.
9. Centre of the grid zones coordinate another grid. The centre of grid zones of internal grid, gets superimposed upon the corners of the outer grid.
10. This feature makes a systems of reach from $N \times N$ grid to $(N-2) \times (N-2)$ as of the format of domain , dimension) format of a spatial order, parallel to (domain, dimension) format of liner order $(N, N-2)$.
11. One may have a pause here and one shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature.
12. It would be a blissful exercise to revisit the linear format $(N, N-2)$ of (domain, dimension features, and spatial order format $[N^2, (N-2)^2]$ of (domain, dimension feature).
13. Illustratively for $N = 9$, we shall be have a linear (domain, dimension format) of value pair (9, 7) while in case of spatial order (domain, dimension format) would be parallel to values parallel (81, 49).
14. One may have a pause here and take note that NVF (square) = 81 and NVF (axes) = 49.

10

POLYGONS AND INTERNAL DIAGONAL

8. Triangle is the polygon (surface enclosed within edges, 3) as the first polygon and it has no internal diagonal as each of the 3 vertex is connected with other pair of vertex without being through the enveloped surface.
9. Square is polygon of 4 sides accepting a pair of internal diagonals, both passing through the centre of the square.
10. Pentagon is a polygon of 5 sides and through each of 5 vertex, emanates 3 internal diagonals and all these internal diagonals intersects in such a way that they intersection points constitute internal pentagon concentric with the outer pentagon, and as such none of the internal diagonal pass thought centre of the pentagon.

11. As internal diagonal of a pentagon constitute internal concentric pentagon. With none of the diagonal passing through the centre as such this is to continue add-infinitum.
12. It is this feature which deserves to be imbibed fully.
13. A step ahead, hexagon's internal diagonal as well constitute internal hexagon but only half of the internal diagonals pass through the centre of the hexagon.
14. This way, it would be a blissful exercise to glimpse and imbibe the structural set ups of polygons and their internal polygons and the feature of internal diagonals passing through the centre of the polygons.

VALUES PAIRS $[(N+2)^2, N^2]$

25. $(N+2)^2 = N^2 + 4N + 4$.
26. It is parallel to the geometric set up of a square of side value $(N+2)$.
27. The geometric set up of a square is a structural set up of 4 corner points, 4 sides and 1 area.
28. As such, geometric set up of $(N+2)^2$ is
 - (iv) Area N^2 .
 - (v) Boundary lines for of value $4N$ and
 - (vi) 4 corner points of value 4.
29. $(N+2)^2$ leads to area N^2 .
30. One may have a pause here and take note that $M \times M$ grid accepts M points along each of rows, columns and diagonals.
31. This feature, as such, equates sides and diagonals.
32. With it, the rectangular axis and diagonal axis permit swapping of placements.
33. It amounts to collapse of grid at the centre.
34. It further amounts to superimposition of addition (+) and multiplication (x) operations.
35. With it, the point of a grid zone becomes a structured point such that
 - (iii) $0+0 = 0 \times 0 = (-0) \times (-0)$, and further
 - (iv) $2+2 = 2 \times 2 = (-2) \times (-2)$.
36. It brings us face to face with that both 0 and 2 accepts common feature, as much as that, not only, addition (+) and multiplication (x) operation get superimposed in distinguishable, but also the opposite orientation as well gets superimposed in distinguishably.
37. One may have a pause here and take note that 0-space plays the role of dimensions of 2-space, while 2-space plays the role of dimensions of 4-space.
38. As such the above feature of superimposition of addition and multiplication operation, as well as, in case of a pair of opposite orientation at spatial dimensional order, as well as at 0 dimension of dimension order and that being so the spatial order becomes of a unique values.
39. One may have a pause here and take note that if centre of a polygon is jointed with a pair of vertex of the polygon, then the first half diagonal will yield value $(N+2)$, the second half diagonal as well would be yielding $(N+2)$ value, and the reach from first vertex to the second vertex will be a travelling value 'N'.
40. One may have a pause here and take note that this will lead to synthesis value $(N+2) + (N+2) - N = N+4$.
41. A step ahead, the reach of 3 half diagonal from centre of polygon to 3 constitute vertex of polygon shall be leading us to value $[(N+4) + (N+2) - 2N] = 6$.
42. A step ahead the synthesis value of 4 half diagonal joining centre of the polygon with four constitute vertex of the polygon shall be leading to synthesis value $[(6) + (N+2) - 3N] = 8 - 2N$.
43. Like that, we can proceed for sequential reach at the synthesis value, as per the following rule:

Step 1: Reach at value of synthesis of M half diagonal.

Step 2: Add value $(N+2)$ to the above value.

Step 3: Subtracted value $(M+1) \times N$ from the above value reach at step 2.

Step 4: Value reach at step 3 is the value of synthesis of $(M+1)$ half diagonal.

44. This way, one can sequentially reach at the synthesis values for every polygon.

45. One may have a pause here and take note that the above values for $n = 1$ would be the sequential synthesis values of linear dimensions of single double triple, quadruple and higher numbers of linear dimension.

46. For $n = 2$ it would be a reach for sequential synthesis of spatial dimensions.

47. A step ahead, for $n = 3$ would be a reach for synthesis values of solid dimensions.

48. And likewise, for $n = (4, 5, 6, 7 \dots)$ there would be a reach for creative (4-space), transcendental (5-space), self-referral (6-space), unity state (7-space) and of higher dimensional orders set ups.

12

SEQUENTIAL SYNTHESIS VALUES OF M NUMBERS OF DIMENSIONS OF ORDER (N AND N+1)

8. The synthesis values of linear dimensions numbering $(0, 1, 2, 3, 4, 5, 6 \dots)$ come to be $(0, 1, 3, 6, 10, 15, 21, 28 \dots)$.

9. The synthesis values of spatial dimensions numbering $(0, 1, 2, 3, 4, 5, 6 \dots)$ come to be $(0, 2, 4, 6, 8, 10, 12, 14 \dots)$.

10. The difference values of synthesis values of respective number of linear and spatial dimensions come to be as under $(0, -1, -1, 2, 5, 9, 14, 20, 27 \dots)$.

11. One may have a pause here and take note that the above difference values sequence is the differences values sequence of any pair of constitute dimensional order pair $(N, N+1)$.

12. It would be a blissful exercise to tabulate dimensional synthesis values sequences for whole range of dimensional orders N (negative, positive, negative, positive and zero) for whole range of number of dimensions in each case that is for all values of M (negative, zero, positive).

13. It would be a very blissful exercise to reach at above table.

14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features.

**DIFFERENCE VALUE SEQUENCES OF CONSECUTIVE DIMENSIONAL
ORDER(S) SYNTHESIS OF EQUAL NUMBERS OF DIMENSION**

10. The difference value sequence for (0, 1, 2, 3, 4, 5, 6 and higher number of dimensional comes to be:
(0, -1, -1, 0, 2, 5, 9, 14, 20, 27 ...).
11. Firstly let us notice the sequential differences values of consecutive values of the above sequence (2, 5, 9, 14, 20, 27 ...).
12. This range of value (2, 5, 9, 14, 20, 27) accepts re-organization as:
[(0+2), (0+2+3), (0+2+3+4), (0+2+3+4+5), (0+2+3+4+5+6), (0+2+3+4+5+6+7) ...].
13. It is evident that the differences of values of above ranges for its consecutive pair of values come to be (2, 3, 4, 5, 6, 7 ...).
14. One may have a pause here and take note that this range of values as dimensional orders takes us to sequence of dimensional spaces (4-space, 5-space, 6-space, 7-space, 8-space ...).
15. One may further have a pause here and take note that as the origin constitutes a compactified range, as such this range sequentially unfolds :
 - (vi) 4-space
 - (vii) 4-space and 5-space
 - (viii) 4-space, 5-space, 6-space
 - (ix) 4-space, 5-space, 6-space and 7-space
 - (x) And so on.
16. Accordingly there is sequential transcendence of dimensional orders as :
 - (vi) Spatial dimensional order
 - (vii) Spatial dimensional order and solid dimensional order
 - (viii) Spatial dimensional order, solid dimensional order and creative dimensional order
 - (ix) Spatial dimensional order, solid dimensional order, creative dimensional order and transcendental dimensional order.
 - (x) And so on.
17. Parallel values sequence comes to be of value as under :
 - (vi) Value 2
 - (vii) Value 2+3
 - (viii) Value 2+3+4
 - (ix) Value 2+3+4+5
 - (x) And so on
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting and to glimpse and imbibe the above format features.

10. Counts and gaps counts are of different generic.
11. Counts (1, 2, 3, 4, 5, 6 ...) and their gaps accept counts of different generic.
12. Counts (1, 2, 3, 4, 5, 6 ...) accepts placement of value as under at their middle placement:
(1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2 ...).
13. Taking counts (1, 2, 3, 4, 5, 6 ...) as linear order counts, the gaps counts sequence (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2 ...) is a sequence of counts of axes of spatial order of 4-space.
14. As such, spatial order leads to values sequence (2, 3, 4, 5, 6 ...).
15. One may have a pause here and take note that (5, 6, 7, 8, 9 ...) numbers of dimensions lead to difference values sequences (5, 9, 14, 20, 27, ...) leads us to:
 - (vi) $5 = 5 \times 1$
 - (vii) $9 = 6 \times 3/2$
 - (viii) $14 = 7 \times 2$
 - (ix) $20 = 8 \times 5/2$
 - (x) $27 = 9 \times 3$
16. It leads us to the interrelationship of numbers of dimensions sequence (5, 6, 7, 8, 9 ...) and of difference value sequence (5, 9, 14, 20, 27 ...) and gaps counts sequence (1, 3/2, 2, 5/2, 3, 7/2 ...).
17. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format and features.
18. One shall further revisit the above second phase learning focus steps and to imbibe the same to acquire proper insight and appropriate enlightenment of spatial order creator's space.

3RD PHASE LEARNING AND TEACHING FOCUS

1

GENERAL

1. 3rd phase learning and teaching upon number value 5 / 5-space / hyper cube 5 format.
2. Previous first two phases focus has been upon number value 3 / 3-space / hyper cube 3 format and upon number 4 / 4-space / hyper cube 4 format respectively.
3. 4th phase focus would be upon number value 6 / 6-space / hyper cube 6 format.
4. Number value 5 is of middle placement of 9 numeral ranges 1 to 9 of ten place value system.
5. Dimensional synthesis values sequence of 5 dimensions of whole range of dimensional orders comes to be
(-- 25, 20, 15, 10, 5, 0,-5,-10,-15,-20,-25 ...).
6. Pentagon of 3 animation form each vertex and all the internal diagonals intersect and construct internal pentagon concentric with the outer pentagon and none of the internal diagonals passes through the internal diagonal. This feature holds add-infinity, and it becomes the distinguishing feature of pentagon.
7. 5-space is a solid order space.
8. Hyper cube 5, the representative regular body of 5-space within 4-space along 4 fold creation format is a 4 fold manifestation layer (3, 4, 5, 6) of summation value $(3+4+5+6) = 18$.
9. Lord shiv, the transcendental lord is the over lord of transcendental domain (5-space domain).
10. Transcendence takes place within transcendental domain and it takes up till dimension of dimensions of 5-space, which is of a linear dimensional order 5-space has different roles of which 5 prominent roles are as:
 - (I) Transcendental dimensional (5-space as dimension s of 7-space
 - (II) Transcendence boundary (5-space as boundary of 6-space
 - (III) Transcendental domain (5-space as domain of hyper cube 5
 - (IV) Transcendence origin (5-space as origin of 4-space), and
 - (V) Transcendence base (5-space as base of 4-space origin of 3-space domain).
 - (VI) One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above feature and values.

2

DEPICTION OF DIFFERENT ROLE OF 5-SPACE OF 5X5 GRID FORMAT

1. Five different role of 5-space permit depiction along 5x5 grid format as follow:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

- The rows and columns of above 5x5 matrixes are transcendence ranges of linear, spatial, solid, creative and transcendental dimensional order.
- Further first column transcendence range manifests a format of dimensional orders.
- The second column manifests sequence of sequential boundaries folds.
- The third column manifests sequential domain folds.
- The fourth columns manifests sequential origin folds.
- The fifth column manifests sequential base folds.
- These format and values of above 5x5 grid format are the format and values of 5x5 varga consonants.
- The above values of 5x5 grid as values of 5x5 varga consonants becomes the transcendental codes values of these 25 varga consonant.
- One may have a pause here and take note that 9 vowels are parallel to the format of 9 numerals range with numeral 5 at its middle placement and that way number value 1 to 9 respectively become the transcendental code values of vowels 1 to 9, in that sequence and order.
- The remaining consonant namely anthstha letters accepts transcendental code value (1, 3, 5, 7), while ushamna letter accepts transcendental code values (2, 3, 6, 9).
- And 8 yama letters accepts transcendental code values (9, 10, 11, 12, 13, 14, 15, 16).
- One may have a pause here and take note that the above transcendental code values of Devnagri alphabet code letters, help reach at transcendental code values of word formulations availing respective letters.
- It would be a blissful exercise that one makes one's own transcendental code values dictionary.

3

HYPER CUBE 5

- Hyper cube 5 is four folds manifestation layer (3, 4, 5, 6) of summation value $(3+4+5+6) = 18$.
- The dimensional frame of 5-space is a set up of 5 solid dimensions.
- Creative boundaries are 5 space is asset up of 10 components.
- This creative boundary accepts fixation in terms of $10 \times 4 = 40$ coordinates.

5. Further creative boundary of 10 components within 5 dimensional frames accepts fixation in terms of $10 \times 5 = 50$ solid coordinates.
6. 5-space domain permits transcendence which takes from 5-space domain to 3-space dimension to 1-space dimension of dimension.
7. 5-space as self-referral origin. (6-space as origin)
8. Transcendence also may take place and origin for reach at unity state base (7-space as base).

4

TRANSCENDENTAL DOMAIN 5-SPACE CONTENT MANIFESTS AS TRANSCENDENTAL DOMAIN

1. Transcendental domain as transcendental dimensions creates unity state domain (7-space domain).
2. It is this feature which deserves to be comprehended well and to be fully imbibed to acquire proper insight and appropriate enlightenment about the transcendental domain.

5

TRANSCENDENTAL NUMBERS VALUES

1. Transcendental domain lead to transcendental numbers values.
2. Constitutes of transcendental domain are the structure points fulfilled with structure of transcendental domain.
3. Each constituent point of transcendental domain is fulfilled with structure of entire transcendental domain.
4. Pair of constitution dash point of transcendental domains are stitched by solid dimensional order structure.
5. It is this feature which deserves to be comprehended well.
6. Unity state domain splits into a pair of transcendental domain entities and simultaneously there happens to be a release of solid dimensional order being the dimension of dimension of unity state (7-space)
7. It is this feature of emergence of a pair of transcendental domain entities which deserves to be comprehended well.

6

DIMENSIONAL DOMAIN SPLIT SPECTRUM

1. Dimensional domain split spectrum sequentially is of spectra entities (1, 2, 5, 12, 29, 70).
2. This 6 steps long self-referral range is of 1 entity of 5-space, 2 entities of 3-space, 5 entities of 1-space, 12 entities of -1 space, 29 entities of -3 space and 70 entities of -5 space.
3. One may have a pause here and take note that that NVF (stop) = 70.
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format and feature.

7

SYNTHESIS OF TRANSCENDENCE RANGES

1. 5-space domain provides a format for synthesis of 5 folds transcendence ranges.
2. One may have a pause here and take note that 5-space accepts 11 geometries range.
3. 11 geometries range of 5-space accepts organization as (-5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5) signature.
4. This organization permits fold at zero signature geometry.
5. The pair of folds as such constitutes a 6 steps long range.
6. This is of a pair of orientations, as of non-negative geometry format and of non positive geometry range.
7. These 6 steps long set up is of zero value at each steps and becomes affine format free of orientations.
8. This synthesis format yield synthesis of a pair of 5 fold transcendence ranges (n, n+1, n+2, n+3, n+4) and (n, n+1, n+2, n+3, n+4) yielding synthesis value with synthesis glue 'n' value making the synthesis value as $11n + 20$.
9. Value of n it leads to synthesis value sequence: (... -46, -35, -24, -13, -2, 9, 20, 31, 42, 53, 64 ...).

8

CREATIVE BOUNDARY AS 10 PLACE VALUE FORMAT

1. The creative boundary of 10 components manifests 10 place value formats.
2. 5-space domain itself manifests 5 place value formats.
3. 4x6 grids accommodate all the 24 double digit number of 5 place value systems.
4. These format features together make arithmetic of ten place value systems along format of hyper cube 5.
5. The transcendental numbers value comes into play.
6. With it, the classical and orthodox manifestation formats of linear and spatial orders melt away and give place to transcendental number values for resolution of existence phenomenon with the help of transcendental carriers along Sathapatya measuring rod with lord Vishnu, as its presiding deity while lord Brahma being the presiding deity of

its measure and transcendental lord shiv being the presiding deity of the transcendence format for transcendence through this measuring rod.

9

TRANSCENDENTAL CARRIERS

1. Transcendence carriers (of transcendental space content take it up till the transcendental boundary of self-referral domain (6-space domain) where Brahman carrier (9-space values) take over.
2. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format and feature.

FOURTH PHASE LEARNING AND TEACHING FOCUS

1

GENERAL

1. Fourth phase learning and teaching is upon number value 6 / 6-space / hyper cube 6.
2. Previous 3 phases focus has been upon:
 - (i) Number value 3/ 3-space/ hyper cube 3 format focus of first phase.
 - (ii) Number value 4 / 4-space / hyper cube 4 format focus of second phase.
 - (iii) Number value 5 / 5-space / hyper cube 5 format focus of third phase.

2

NUMBER VALUE 6

1. Number value 6 is a perfect number.
2. Amongst others following are the basic feature of number value 6:
 - (i) $6 = 1+2+3$
 - (ii) $6 = 1 \times 2 \times 3$
 - (iii) $6 = 2+2+2$
3. Choices from the ranges (1, 2, 3, 4, 5, 6) are $32 = 2^5$ for having summation value 6.
These choices are:
 - (i) $6 = 6$
 - (ii) $6 = 5+1$
 - (iii) $6 = 1+5$
 - (iv) $6 = 4+1+1$
 - (v) $6 = 1+4+1$
 - (vi) $6 = 1+1+4$
 - (vii) $6 = 4+2$
 - (viii) $6 = 2+4$
 - (ix) $6 = 3+1+1+1$
 - (x) $6 = 1+3+1+1$
 - (xi) $6 = 1+1+3+1$
 - (xii) $6 = 1+1+1+3$
 - (xiii) $6 = 3+2+1$
 - (xiv) $6 = 3+1+2$
 - (xv) $6 = 2+1+3$
 - (xvi) $6 = 2+3+1$
 - (xvii) $6 = 1+2+3$
 - (xviii) $6 = 1+3+2$
 - (xix) $6 = 3+3$
 - (xx) $6 = 2+1+1+1+1$
 - (xxi) $6 = 1+2+1+1+1$
 - (xxii) $6 = 1+1+2+1+1$

- (xxiii) $6 = 1+1+1+2+1$
- (xxiv) $6 = 1+1+1+1+2$
- (xxv) $6 = 2+2+2$
- (xxvi) $6 = 2+2+1+1$
- (xxvii) $6 = 2+1+2+1$
- (xxviii) $6 = 2+1+1+2$
- (xxix) $6 = 1+2+1+2$
- (xxx) $6 = 1+1+2+2$
- (xxxi) $6 = 1+2+2+1$
- (xxxii) $6 = 1+1+1+1+1+1$

3

6 HALF DIMENSIONS

1. 3 linear dimensions of 3 dimensional spaces lead to 6 half linear dimensions.
2. As such, a 3 dimensional frame of 3 linear dimensions splits into a pair of 3 dimensional frames of half linear dimensions.
3. Likewise, 3 dimensional frames of 3 spatial dimensions lead to 6 half spatial dimensions.
4. Further, every 3 dimensional frame of N dimensional order 3 dimensions leads to 6 half dimensions of N order.
5. Accordingly, every 3 dimensional frame of N dimensions splits into a pair of 3 dimensional frame of half dimensions of order N.

4

DOMAIN BOUNDARY RATIO $A^3:6B^2$

1. Hyper cube 3 has its domain fold enveloped within a spatial boundary of 6 components.
2. 6 components accepts re-organization as of 32 organizations as have been enlisted above.

5

SATHAPATYA MEASURING ROD

1. Sathapatya measuring rod is 6 steps long synthetic set up of hyper cubes 1 to 6 parallel to which is the numbers values range (1, 2, 3, 4, 5, 6) of summation value 21

which accepts re-organization as $21 = 3 \times 7$, whereby there is a jump over number value 5.

2. Further, as that transcendental order (5-space) as dimensional order creates unity state (7-space domain of hyper cube 7 has a four folds manifestation layer (5, 6, 7, 8) of summation value $(5+6+7+8) = 26 = 5+21$.
3. As such, the reach one side of the sun is a reach along the Sathapatya measuring rod of 6 steps of value (1, 3, 6, 10, 15, 21).
4. Within the 6-space domain enveloped by transcendental boundary makes a reach of value $21+5 = 26$ to be on the other side of the sun.
5. The transcendental carrier chase ahead by the Brahman carriers (9-space carriers), makes a transmission phases of values:
 - (i) $26+5 = 31$.
 - (ii) $31+6 = 37$
 - (iii) $37+7 = 44$
 - (iv) $44+8 = 52$, and
 - (v) $52+9 = 61$.
6. One may have a pause here and take note that this progression, beginning to end comes to be of following 12 transmission progression steps:
 - (i) 1
 - (ii) $1+2 = 3$
 - (iii) $1+2+3 = 6$
 - (iv) $1+2+3+4 = 10$
 - (v) $1+2+3+4+5 = 15$
 - (vi) $1+2+3+4+5+6 = 21$
 - (vii) $21+5 = 26$
 - (viii) $26+5 = 31$
 - (ix) $31+6 = 37$
 - (x) $37+7 = 44$
 - (xi) $44+8 = 52$, and
 - (xii) $52+9 = 61$.
7. One may further have a pause here and take note that self-referral domain (6-space domain) is enveloped by transcendental boundary of 12 components.
8. Further, the pairing of 12 phases values of both sides of sun leads us to following 6 steps long progression values :
 - (i) $1+61 = 62$.
 - (ii) $3+52 = 55$.
 - (iii) $6+44 = 50$.
 - (iv) $10+37 = 47$.
 - (v) $15+31 = 46$.
 - (vi) $21+26 = 47$.
9. One may have a pause here and take note that the above range of values (47, 47, 46, 50, 55, 62) leads to gaps values (0, 1, 4, 5, 7).
10. This differences value range (0, 1, 4, 5, 7) further lead to difference values range (1, 3, 1, 2).

11. One may have a pause here and take note that it is a to fold inward reach form both ends (first end as linear value and second end being of a spatial value).
12. The positive orientation progression form first end takes us from value 1 to value 2 as a reach along the format (dimension, domain).
13. A step ahead, by reversal reach from value 3 to value 1 is of opposite orientation (domain, dimension). And, end reach is spatial order.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

6

TRANSCENDENTAL CARRIER ALONG SELF-REFERRAL DOMAIN

1. Self-referral domain (6-space) is enveloped within transcendental boundary (5-space as boundary).
2. Self-referral domain 6 space domain permits exhaustive reach in terms of Sathapatya measuring rod synthesized by hyper cubes 1 to 6.
3. 4 folds manifestation layer of hyper cube format permits transcendence at the origin fold and their by happens to be a reach at the base fold and their by happen to be transition and transformation from format of four fold manifestation layer to format of 5 fold transcendence range.
4. One may have a pause here and take note that the set up of 6 points range as coverage for 5 points range.
5. This 5 points range has a dimensional frame of transcendental domain works out unity state (7-space) and their by happens to be an extension of 6 folds self-referral range into 7 folds unity state of transcendental dimensional order.
6. Further as that, with 6-space domain, 6 points range is the range of structure points of 6-space domain itself.
7. As such, linear order, will yield single point entity, spatial order will yield a pair of 6 domain points entities, solid order, creative order, transcendental order and self-referral order shall be respectively yielding (3, 4, 5 and 6) six space domain points entities.
8. This will lead to value 6 $(1+2+3+4+5+6) = 126$.
9. One may have a pause here and take note that the value 126 as a single digit value 6 is parallel to 6-space domain and number value 12 is parallel to transcendental boundary of 12 components.
10. It would be a blissful to take note that Sri Vishnu Puran is the scripture six Ansh of 126 chapters.
11. One is to evaluate oneself of one's learning and imbibing of values of 6-space as to the extent one's glimpsing of 6-space is as per the preservation of the values of 6-space domain as Sri Vishnu Puran.

SRI VISHNU PURAN

1. Sri Vishnu Puran is about the values of 6-space domain presided by lord Vishnu, over lord over real 6-space.
2. To have proper insight and appropriate enlightenment about the values preserve in this scripture, one shall, first of all to be face to face with the organization format of this scripture.
3. This scripture as organizes as 6 Ansh.
4. These 6 Ansh are further organize as (22, 16, 18, 24, 38 and 8) chapters.
5. Chapter wise shalokas tabulation is as under:

s.no	Ansh	Chapter	Shalokas	Total shalokas	Grand total
1	1	1	31	31	
2	1	2	70	101	
3	1	3	28	129	
4	1	4	52	181	
5	1	5	66	247	
6	1	6	42	289	
7	1	7	48	337	
8	1	8	35	372	
9	1	9	149	521	
10	1	10	21	542	
11	1	11	57	599	
12	1	12	173	772	
13	1	13	95	867	
14	1	14	49	911	
15	1	15	156	1067	
16	1	16	16	1083	
17	1	17	91	1172	
18	1	18	46	1218	
19	1	19	86	1304	
20	1	20	39	1343	
21	1	21	41	1384	
s.no	Ansh	Chapter	Shalokas	Total shalokas	Grand total
22	1	22	90	1474	1474
23	2	23	43	43	

24	2	24	56	99	
25	2	25	28	127	
26	2	26	97	224	
27	2	27	27	251	
28	2	28	53	304	
29	2	29	43	347	
30	2	30	122	469	
31	2	31	24	493	
32	2	32	23	516	
33	2	33	26	542	
34	2	34	47	589	
35	2	35	104	693	
36	2	36	33	726	
37	2	37	36	762	
38	2	38	25	787	787
39	3	39	46	46	
40	3	40	62	108	
41	3	41	31	139	
42	3	42	26	165	
43	3	43	30	195	
44	3	44	33	228	
S. No	Ansh	chapter	Shalokas	Total shalokas	Grand total
45	3	45	39	267	
46	3	46	41	308	
47	3	47	33	341	
48	3	48	26	367	
49	3	49	127	494	
50	3	50	45	539	
51	3	51	41	580	
52	3	52	31	611	
53	3	53	56	567	
54	3	54	20	587	
55	3	55	45	632	
56	3	56	105	737	737
57	4	57	96	96	
58	4	58	133	229	
59	4	59	49	278	
60	4	60	113	391	
61	4	61	34	425	
62	4	62	94	519	
63	4	63	39	558	

64	4	64	21	579	
65	4	65	28	607	
66	4	66	32	639	
67	4	67	30	669	
S. No	Ansh	Chapter	Shalokas	Total shalokas	Grand total
68	4	68	45	714	
69	4	69	162	876	
70	4	70	53	929	
71	4	71	50	979	
72	4	72	6	985	
73	4	73	5	990	
74	4	74	30	1020	
75	4	75	85	1105	
76	4	76	53	1158	
77	4	77	18	1176	
78	4	78	13	1189	
79	4	79	13	1202	
80	4	80	151	1353	1353
81	5	81	87	87	
82	5	82	21	108	
83	5	83	29	137	
84	5	84	17	154	
85	5	85	23	177	
86	5	86	51	228	
87	5	87	83	315	
88	5	88	13	328	
89	5	89	38	366	
90	5	90	49	415	
S. No	Ansh	chapter	Shalokas	Total shalokas	Grand total
91	5	91	25	440	
92	5	92	26	466	
93	5	93	62	528	
94	5	94	14	542	
95	5	95	24	566	
96	5	96	28	594	
97	5	97	33	627	
98	5	98	58	685	
99	5	99	29	714	
100	5	100	105	819	
101	5	101	32	851	

102	5	102	18	869	
103	5	103	47	916	
104	5	104	21	937	
105	5	105	19	956	
106	5	106	12	968	
107	5	107	32	1000	
108	5	108	28	1028	
109	5	109	35	1063	
110	5	110	80	1143	
111	5	111	20	1163	
112	5	112	30	1193	
113	5	113	53	1246	
S. No	Ansh	Chapter	Shalokas	Total shalkas	Grand total
114	5	114	44	1290	
115	5	115	38	1328	
116	5	116	24	1352	
117	5	117	75	1427	
118	5	118	94	1521	1521
119	6	119	60	60	
120	6	120	40	100	
121	6	121	41	141	
122	6	122	50	191	
123	6	123	87	278	
124	6	124	50	328	
125	6	125	76	404	
126	6	126	64	468	468

Grand total of sholakas =

$$(1474+787+737+1353+1521+468) = 6340.$$

6. Above tabulation brings us face to face with the organization chase steps of 6-space domain.
7. It would be a blissful exercise to sequentially chase this organization.

8

VISHNU PURAN ORGANIZATION

(i)

(FIRST FEATURE)

1. First organization feature of Vishnu Puran is that it is organized as 6 Ansh.
2. This brings in number value 6.
3. Parallel to it comes in organization as 6-space domain.

(ii)

(SECOND FEATURE)

1. Second organization feature of text of Vishnu Puran is that it is scripture of 126 chapters.
2. Number value 126 accepts re-organization as $126 = 6 \times (1+2+3+4+5+6)$, which is parallel to manifestation of 6 domain values along hyper cubes 1 to 6 format of (single, double, triple, quadruple, five and six) numbers of dimensions set up.

(iii)

(THIRD FEATURE)

1. Third organization feature of text of Vishnu Puran is that the range of 126 chapters is of organization (22, 16, 18, 24, 38, 8) chapters.
2. This range of numbers values (22, 16, 18, 24, 38, 8), permit organization as follows parallel to their respective geometric format
 - (I) Number value 22 permits re-organization as $22 = (4+5+6+7)$ which is parallel to four fold manifestation layer (4, 5, 6, 7) of hyper cube 6, the representative regular body of 6-space.
 - (II) Number value 16 permits re-organization as $16 = (5+6+5)$, which is parallel to the format release of 6-space origin on split of 5-space domain as a pair of 5-space domains.
further number value $16 = 4 \times 4$ brings in 4×4 grid format for organization of a set up of four constitute four folds manifestation layer of four constitute hyper cubes.
 - (III) Number value 18 permits re-organization as $18 = (3+4+5+6)$ which is parallel to four folds manifestation layer (3, 4, 5, 6) of hyper cube 5.
 - (IV) Number value 24 permits re-organization as $24 = 4 \times 6$ which is parallel to the values of dimensional frame of 6-space of creative dimensional order.
 - (V) Number value 38 permits re-organization as $38 = 19+19$, with number value 19 being the placement value of southern hemi sphere of our solar universe.
 - (VI) Number value 8 is the dimensional synthesis value of a pair of dimensions of self-referral order (6-space in the role of dimension of 8-space. the dimensional synthesis value equation is $8 = (6, 6)$.

- (VII) Here, it would also be a blissful to take note that above value range (22, 16, 18, 24, 38, 8) permits re-organization as pairs triple in number of values $22+16 = 38$, $18+24 = 42$ and $38+8 = 46$.
- (VIII) One may have a pause here and take note that the values triple (38, 42, 46) further permits re-organization as (2x19, 2x21, 2x23).
- (IX) One may further have a pause here and take note that the values triple (19, 21, 23) is parallel to a reach from value 29 as dimension of dimension value to value 21 as dimension value and value 23 as domain value.
- (X) Still further, it would also relevant to taken to that value triple (19, 21, 23) sequentially leads us to $19+21 = 40$ and $40+23 = 63$.
- (XI) It would be a blissful to glimpse value 6340, which is equal to grand total of the shalokas of the entire text of 126 chapters of Sri Vishnu Puran.
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

ORGANIZATION FORMAT

1

GENERAL

1. Knowledge and organization of knowledge are simultaneously approach by Vedic system
2. Vedic system simultaneously avail artifices of numbers and dimensional frames.
3. Artifices of numbers and dimensional frames run parallel to each other and these complement and supplement each other at every processing steps.
4. Artifices of numbers presume the existence of dimensional frames, while dimensional frames presume the artifices of numbers.
5. As such, artifices of number and dimensional frames are intimately correlated for values and formats.
6. As such, Vedic scripture reach at knowledge of geometric domain while organizing the processing systems interms of values of artifices of numbers.
7. With it, sri Vishnu puran knowledge of real 6 space presided by lord Vishnu as been organized as values of artifices of numbers.
8. As such, the organization values of the scripture will help us reach at the knowledge of the scripture.

2

ORGANIZATION VALUES

1. Organization values features are:
 - (i) Text consist of 6 ansh.
 - (ii) Total chapter of the texts are 126 as a 6 steps long range (22, 16, 18, 24, 38, 8).
 - (iii) The next value 1 to 126 leads to folding as (1+126, 2+125, 3+124, ...63+64) and their being a 63 steps long range of value 127 at each step.
 - (iv) One may have pause here and take note that the value 127 is a prime.
 - (v) This prime is the biggest prime proper divisor of perfect number 8128.
 - (vi) One may further have a pause here and take note that perfect number 8128 as 13th proper divisors.
 - (vii) One may further have pause here and take note that 8128 is the fourth perfect number while number 6 is the first perfect number. The in between, pair of perfect numbers are 28 and 496 being second and third perfect number respectively.
 - (viii) With it, the organization of scripture comes to be on the range of first perfect number (6) to fourth perfect number (8128).

- (ix) It would be a blissful to take note that synthesis value of linear order transcendence ranges pair is 31 while the synthesis value of creative order transcendence ranges pair is 64 and the values pairs 31,64 is the values pairs of shlokas of first chapter of 31 sholkas range and last chapter (126th chapter) of 64 shalokas range.
- (x) It is blissful to take ntoe $31+64 = 95$ is parallel to NVF (reneyyng) and NVF (solid) = 59.
- (xi) Still further, it would be a blissful to take ntoe that NVF (cube) = 31 and NVF (unit) = 64.
- (xii) That shaokas range of chaper 70 and shalokas range of chapter 125 (106) permit chase.
- (xiii) Like that would follow 63 steps chase to reach at the heart of this organization .
- (xiv) It would be a blissful exercise to reach at the heart of organization of the scripote (sri Vishnu puran).

3

SEQUENTIAL ARRANGEMENT OF NUMBER OF SHALOKAS OF DIFFERENT CHAPTER

s. no	Number of sholkas	Chapter number	Chapter number	Chapter number	Chapter number
1	5	73			
2	6	72			
3	12	106			
4	13	78	88	79	
5	14	94			
6	16	16			
7	17	84			
8	18	77	102		
9	19	105			
10	20	111	54		
11	21	104	64	82	10
12	23	32	85		
13	24	31	95	116	
14	25	38	91		
15	26	42	92	33	48
16	28	96	108	3	25, 65
17	30	112	43	67	
18	31	1	52	41	

19	32	66	101	107	
20	33	36	44	47	97
21	35	109	8		
22	36	37			
23	39	45	63	20	
24	34	61			
25	38	89	115		
26	40	120			
27	41	21	46	51	121
28	42	6			
29	43	23	29		
30	44	114	74		
31	45	50	55	68	
32	46	18	39		
33	47	34	103		
34	48	7			
35	49	59	90	14	
36	50	122	124	71	
37	51	86			
38	52	4			
39	53	28	70	76	113
40	56	24	53		
41	57	11			
42	58	98			
43	60	119			
44	62	40	93		
45	64	126			
46	66	5			
47	70	2			
48	75	117			
49	76	125			
50	80	110			
51	83	87			
52	85	75			
53	86	19			
54	87	81	123		
55	90	22			
56	91	17			
57	94	62	118		
58	95	13			
59	96	57			
60	97	26			

61	104	35			
62	105	56	100		
63	113	60			
64	122	30			
65	127	49			
66	133	58			
67	151	80			
68	156	15			
69	162	69			
70	173	12			
71	149	9			
72	27	27			
73	29	83	99		

1. The above table focus that the range of 73 number artifices has been availed as shalokas ranges.
2. Of these artifices 28 is of frequency 5.
3. There are 5 artifices of frequency 4 each.
4. These 5 frequencies are (21, 26, 33, 41 and 53).
5. There are 9 artifices of frequency 3 each.
6. These 9 artifices are (13, 24, 30, 31, 32, 39, 45, 49, 50).
7. The artifices of frequency 2 are 16.
8. These artifices are (18, 20, 23, 25, 35, 38, 43, 44, 46, 47, 56, 62, 87, 94, 105, 29).
9. The remaining 42 the following artifices are of single frequency (5, 6, 12, 14, 16, 17, 19, 36, 34, 40, 42, 48, 51, 52, 57, 58, 60, 64, 66, 70, 75, 76, 80, 83, 85, 86, 90, 91, 95, 96, 97, 104, 113, 122, 127, 133, 151, 156, 162, 173, 149, 27).
10. One may have a pause here and glimpse the following frequency table

S. no	Frequency	Number of shalokas ranges	
1	1	42	
2	2	16	
3	3	9	
4	4	5	
5	5	1	

Grand total frequency range of shalokas ranges = 73.

2. The other organization feature will be of 63 folds of shalokas of chapets 1 to 126, folding as [(1, 126), (2, 125), (3, 124) ... (63, 64)].
3. Glimpse the following tabulation of these 63 folds shalokas ranges:

s.no	Folds	shalokas	Total value
1	(1,126)	(31,64)	95
2	(2,125)	(70,76)	146
3	(3,124)	(28,50)	78
4	(4,123)	(52,87)	139
5	(5,122)	(66,50)	116
6	(6,121)	(42,41)	83
7	(7,120)	(48,40)	88
8	(8,119)	(35,60)	95
9	(9,118)	(149,94)	243
10	(10,117)	(21,75)	96
11	(11,116)	(57,24)	81
12	(12,115)	(173,38)	211
13	(13,114)	(95,44)	139
14	(14,113)	(49,53)	102
15	(15,112)	(156,30)	186
16	(16,111)	(16,20)	36
17	(17,110)	(91,80)	171
18	(18,109)	(46,35)	81
19	(19,108)	(86,28)	114
20	(20,107)	(39,32)	71
21	(21,106)	(41,12)	53
22	(22,105)	(90,19)	109
23	(23,104)	(43,21)	64
24	(24,103)	(56,47)	103
25	(25,102)	(28,18)	46
26	(26,101)	(97,32)	129
27	(27,100)	(27,105)	132
28	(28,99)	(53,29)	82
29	(29,98)	(43,58)	101
30	(30,97)	(122,33)	155
31	(31,96)	(24,28)	52
32	(32,95)	(23,24)	47
33	(33,94)	(26,14)	40
34	(34,93)	(47,62)	109
35	(35,92)	(104,26)	130
36	(36,91)	(33,25)	58
37	(37,90)	(36,49)	85
38	(38,89)	(25,38)	63
39	(39,88)	(46,13)	59
40	(40,87)	(62,83)	145
41	(41,86)	(31,51)	82

42	(42,85)	(26,23)	49
43	(43,84)	(30,17)	47
44	(44,83)	(33,29)	62
45	(45,82)	(39,21)	60
46	(46,81)	(41,87)	128
47	(47,80)	(33,151)	184
48	(48,79)	(26,13)	39
49	(49,78)	(127,13)	140
50	(50,77)	(45,18)	63
51	(51,76)	(41,53)	94
52	(52,75)	(31,85)	116
53	(53,74)	(56,30)	86
54	(54,73)	(20,5)	25
55	(55,72)	(45,6)	51
56	(56,71)	(105,50)	155
57	(57,70)	(96,53)	149
58	(58,69)	(133,162)	295
59	(59,68)	(49,45)	94
60	(60,67)	(113,30)	143
61	(61,66)	(34,32)	66
62	(62,65)	(94,28)	122
63	(63,64)	(39,21)	60

FOLD BY FOLD CHASE OF ORGANIZATION

1

GENERAL

1. One way to reach at core of organization format of the text of Sri Vishnu Puran is approach it fold by fold, beginning with first fold and reaching up till 63rd fold.
2. First fold is a set up of chapter one and chapter 126.
3. 63rd fold is a set up of chapter 63 and chapter 64.
4. The location of 63rd fold (chapter 63 and 64) is within fourth Ansh.
5. First fold is a set up of shalokas ranges pair (31, 64) of summation value 95.
6. Values pair (31, 64) brings us face to face with the set up of 'cube'/ hyper cube 3, and of hyper cube 6.
7. One may have a pause here and take note that hyper cube is linear order set up while hyper cube 6 is a creative order set up.
8. Number value 31 is parallel to synthesis value of a pair of linear order transcendence ranges.
9. Number value 64 is parallel to synthesis value of creative order transcendence ranges.
10. One may have a pause here and take note that this as such also brings us face to face with four folds manifestation layer (3,4,5,6) of solid order set up, which takes us up till self-referral origin 6-space as origin of transcendental domain (5-space).
11. As such, it may be taken that, first fold brings to focus the features of transcendental (5-space as domain) of hyper cube 5 with 6-space as its origin fold.
12. With it, the location of 6-space as origin fold comes and to focus.
13. It would be a blissful to take note that 7th geometry of 3-space and parallel to it the 7th version of cube, free of its all the 6 surface plate, remain integrated in terms of the dimensional frames set ups.
14. It would be a blissful to take note that the dimensional frame set up integrating 3-space domain is a set up of 31 structural components namely (1+6+6) being origin and 6 half dimension, as well as 6 spatial dimensions plus 6 half dimensions and 12 quarters set ups of first and second axis of spatial dimensional order making a set up of 31 components.
15. One may have a pause here and take note that cube itself as hyper cube 3, as well is a structural components of 31 structural component (1 origin, 3 axes, 1 volume, 6 surfaces, 12 edges and 8 corners points).
16. It would be a blissful to take note that NVF (cube) = 31 and NVF (unit) = 64.
17. And further as that 95 = NVF (re-newing).
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
19. It would be a blissful exercise to tabulate the feature of first fold of the text of Sri Vishnu Puran.

2

SECOND FOLD

1. The second fold set up is of feature of chapter 2 and 125.
2. This pair of chapter is of ranges of shalokas (70, 106).
3. One may have a pause here and take note that number value 70 is parallel to 70 entities of domain split spectrum at 6th stage (1, 2, 5, 12, 29, 70).
4. Number value 106 permits re-organization as $106 = (53+53)$.
5. Number value 53 is the synthesis value of a pair of solid order transcendence ranges.
6. Further as that, the number value 176 accepts re-organization as $176 = 88 + 88 = 4 \times 44 = 8 \times 22$.
7. One may have a pause here and take note that number value 22 permits re-organization as $22 = (4+5+6+7)$, which is parallel to 4 fold manifestation layer (4, 5, 6, 7) of hyper cube 6.
8. It would be a blissful exercise to tabulate the feature of this second fold of the text of Sri Vishnu Puran.
9. It would further be a blissful exercise to glimpse comprehend and to chase the transition form first fold to second fold of text of Sri Vishnu Puran.
10. Like that one shall continue for reach up till the orb of the organization of text of Sri Vishnu Puran.
11. The other way would be that one shall begin with the orb of the organization as features of chapter 63 and 64 together being of the range of shalokas $(39, 21) = 60$.

3

SIXTY THIRD FOLD

1. Sixty third fold of the text of Sri Vishnu Puran is the orb of re-organization of this scripture.
2. Number value 60 is parallel to $12 \times 5 = 60$ coordinates fixation of the transcendental boundary of 12 components of self-referral domain (6-space domain).
3. It would be a blissful to take note that $NVF(\text{four}) = 60 = NVF(\text{beam Angle})$.
4. These features of orb of the organization, preserve to be comprehended well and same to be fully appreciated.
5. Form with it this orb will sequentially unfold 62 outward folds progression.
6. The chase of these 62 unfolding steps will lead to proper insight and appropriate enlightenment about the self-referral domain (6-space as domain).

4

62 FOLD

1. 62 fold is parallel to the set up of chapter 62 and 65 of shalokas ranges (94, 28) of summation value 122 permitting re-organization as 61+61.
2. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

ORGANIZATION OF SRI VISHNU PURAN AND ARTIFICES OF NUMBERS AND PARALLEL GEOMETRIE FORMAT

1 GENERAL

1. Sri Vishnu Puran, as the main well indicates it is about the enlightenment of 'Lord Vishnu'.
2. Lord Vishnu is the over lord of real 6-space.
3. 6-space domain provides the basic format for Sri Vishnu Puran.
4. Sathapatya measuring rod is the measuring rod of 6-space domain.
5. 6-space domain is the domain fold of hyper cube 6.
6. Hyper cubes 1 to 6 synthesis Sathapatya measuring rod.
7. Lord Vishnu is the over Lord of this Sathapatya measuring rod while Lord Brahma is the over Lord of measure of this measuring rod.
8. Lord Brahma is the over Lord of real 4-space and along the format of Idol of Lord Brahma manifest hyper cubes as four folds manifestation layers.
9. Hyper cube n manifests as four folds manifestation layers (n, n+1, n+2, n+3) of summation value (4n+6).
10. With it, Sathapatya measuring rod provides basic organization format for Sri Vishnu Puran.
11. Organization feature of Sri Vishnu Puran as of 6 ansh is parallel to hyper cubes 1 to 6 components of Sathapatya measuring rod.
12. With it, number value 6 becomes the basic artifice value of organization format feature of Sri Vishnu Puran.
13. Further as that, $(1+2+3+4+5+6) = 21$ and $21 \times 6 = 126$, further brings us face to face with organization format feature of Sri Vishnu Puran being a scripture of 126 chapters.

2 ARTIFICES OF RANGE 1 TO 126

1. Here below is the table of representative formulation of NVFs 1 to 127.

NVF	Formulation	Formulation
1	A	a
2	B	b
3	C	c
4	D	d

5	E	e
6	Abba	Cab
7	Be	Bad
8	Abda	Ce
9	I	Ed
10	Babe	Bag
11	Gaba	Bed
12	Bee	Bade
13	He	Age
14	Am	Dead/beg
15	Fed	Face
16	Agag	Cage
17	Each	Back
18	Head	Mad
19	Egg	Ahead
20	As	Caged
21	Beam	Bar
22	Lead	Go
23	Aided	End
24	Ear	Sad
25	All	Area
26	God	Dog
27	Care	Half
28	Air	Is
29	Black	Dip
30	Bible	Web
31	Land	Cave
32	Life	Dis/jail
33	Seed	Gate
34	Free	Sack
35	Eye	Harm
36	Real	Ride
37	Seal	Side
38	Fire	Road
39	Angle	Angel
40	Food	Mind
41	Affine	Lock/key
42	New	Sin
43	Ears	Frame
44	Space	Kill
45	Range	Danger
46	Logic	Sealed

47	Middle	Monad
48	Tree	Thief
49	Eagle's	Axes
50	Void	Shamed
51	Full	Embraced
52	Earth	Dacoit, theft
53	Nose	Axis
54	Play	Sun
55	Sky	Axial
56	Light	Mess/half black
57	Sleep	Height
58	Two	Stop
59	Solid	Cruel
60	Four	Murder
61	Church	Doers
62	Sense	Riot
63	Cover	Limit
64	Zero/ unit	Expand
65	Center	Loss
66	Single	Family
67	Water	Esteem
68	Joint	Safety
69	Zoom	Endanger
70	Spot	Pots
71	Sphere	Hallow
72	Origin	School
73	Pulse	Format
74	Pairing	Harmful
75	Equals	Series
76	Addition	Mins
77	Christ	Matter
78	Ambrosia	Severed
79	Natuter	Bracket
80	Creator	Rooms
81	Course	Expired
82	Selves	Factors
83	Follow	Ethiopia
84	Colour	Grievance
85	Creation	Disadvantage
86	Paragraph	Staggered
87	Truth	Blindfolded
88	Purified	Volumme

89	Unity	Answered
90	Sanctified	Artifices
91	Content	Mirror
92	Reverse	Wickedly
93	Entity	Errors
94	Trimonad	Serving
95	Renewing	Evenings
96	Knowledge	Wounds
97	Pilgrimage	Foreigner
98	Transcend	Searchest
99	Thought	Dropping
100	Discipline	Dangerous
101	Ultimate	Division
102	Two space	Rotten
103	Counting	Fragments
104	Godliness	Four space
105	Joyous	Hunters
106	Infinity	Rumour
107	Glorying	Wounding
108	Geometry	Repenting
109	Continual	Evildoers
110	Meditation	Sunlight
111	Perfection	Corrupt
112	Mathematics	Six score
113	Universe	Protest
114	Ancestors	Impulses
115	Intelligence	Envyng
116	Four fold	Serpents
117	Flourished	Manifesting
118	Wonderful	Overdrive
119	Foundation	Disputing
120	Wholeness	Question
121	Unification	Poverty
122	Sanctuary	Frequencies
123	Synthetic	Carefulness
124	Saviours	Technology
125	Transcendence	Followers
126	Truthful	Returning
127	Vertically	Confidentially

63 FOLDS OF VALUE 127 EACH

S. No	Fold Components	First Component	Second Component
1	1+126	A	Truthful
2	2+125	B	Transcendence
3	3+124	C	Saviours
4	4+123	D	Synthetic
5	5+122	E	Sanctuary
6	6+121	Abba	Unification
7	7+120	Be	Wholeness
8	8+119	Abda	Foundation
9	9+118	I	Wonderful
10	10+117	Babe	Flourished
11	11+116	Gaba	Four fold
12	12+115	Bee	Intelligence
13	13+114	He	Ancestors
14	14+113	Am	Universe
15	15+112	Fed	Mathematics
16	16+111	Agag	Perfection
17	17+110	Each	Meditation
18	18+109	Head	Continual
19	19+108	Egg	Geometry
20	20+107	As	Glorying
21	21+106	Beam	Infinity
22	22+105	Lead	Joyous
23	23+104	Aided	Godliness
24	24+103	Ear	Counting
25	25+102	All	Two space
26	26+101	God	Ultimate
27	27+100	Care	Discipline
28	28+99	Air	Thought
29	29+98	Black	Transcend
30	30+97	Bible	Pilgrimage
31	31+96	Land	Knowledge
32	32+95	Life	Renewing
33	33+94	Seed	trimonad
34	34+93	Free	Entity
35	35+92	Eye	Reverse
36	36+91	Real	Content
37	37+90	Seal	Sanctified
38	38+89	Fire	Unity

39	39+88	Angle	Purified
40	40+87	Food	Truth
41	41+86	Affine	Paragraph
42	42+85	New	Creation
43	43+84	Ears	Colour
44	44+83	Space	Follow
45	45+82	Range	Selves
46	46+81	Logic	Course
47	47+80	middle	Creator
48	48+79	Tree	Natuter
49	49+78	Eagles's	Ambrosia
50	50+77	Void	Christ
51	51+76	Full	Addition
52	52+75	Earth	Eauals
53	53+74	Nose	Pairing
54	54+73	Play	Pulse
55	55+72	Sky	Origin
56	56+71	Light	Sphere
57	57+70	Sleep	Spot
58	58+69	Two	Zoom
59	59+68	Solid	Joint
60	60+67	Four	Water
61	61+66	Church	Single
62	62+65	Sense	Center
63	63+64	Cover	Zero / unit

1. 1st fold to 63rd fold chased.
2. One shall sequentially chase values and format of first fold and to sequentially reach at values and format of 63rd folds.
3. Their after, one shall begin with 63rd fold and reach up till first fold.
4. It shall be, with its reach at 32nd fold shall be bringing us face to face with the internal inherent feature of reversal of orientation of their own and their by making it of four quarter chase as under :

Table of 31 four quarters chase, followed by 2 quarters chase:

S. No	First fold	63 rd fold	First 4 quarters folds		
1	1+126	63+64			
2	2+125	62+65			
3	3+124	61+66			
4	4+123	60+67			

5	5+122	59+68			
6	6+121	58+69			
7	7+120	57+70			
8	8+119	56+71			
9	9+118	55+72			
10	10+117	54+73			
11	11+116	53+74			
12	12+115	52+75			
13	13+114	51+76			
14	14+113	50+77			
15	15+112	49+78			
16	16+111	48+79			
17	17+110	47+80			
18	18+109	46+81			
19	19+108	45+82			
20	20+107	44+83			
21	21+106	43+84			
22	22+105	42+85			
23	23+104	41+86			
24	24+103	40+87			
25	25+102	39+88			
26	26+101	38+89			
27	27+100	37+90			
28	28+99	36+91			
29	29+98	35+92			
30	30+97	34+93			
31	31+96	33+94			
32	32+95	32+95			

4

NUMBERS VALUES (1, 2, 4, 8, 16, 32 AND 63)

1. Values range 1 to 126 permits first fold as 1 to 63 and 64 to 126.
2. Re-fold of range 1 to 63 gives us 1 to 31; 31, 32, 33 to 63.
3. 1 to 32 accepts re-fold 1 to 16, 17 to 32.
4. 1 to 16 accepts re-fold as 1 to 8, 9 to 16.
5. 1 to 8 accepts re-fold as 1 to 4, 5 to 8.
6. 1 to 4 accepts re fold as 1 to 2, 3 to 4.
7. 1-2 take us back to '1'.
8. One may have a pause here and take note that chapters (1, 2, 4, 8, 16, 32, 63) and their parallel complement of the folds become the basic values chapters of the scripture.
9. Chapter [(1, 127), (2, 125), (4, 123), (8, 119), (16, 111), (32, 95), (63, 64) becomes the basic pairs.
10. Chapter 1 and complement of its fold, chapter 126 lead to Shalokas pair (31, 64).
11. Shalokas 2 and its complement fold chapter 125 leads to Shalokas pair (70, 106).
12. Chapter 4 and its complement fold chapter 123 lead to Shalokas pair (52, 50).
13. Chapter 8 and its complement fold chapter 119 lead to Shalokas pair (35, 60).
14. Chapter 16 and its complement fold chapter 111 lead to Shalokas pair (16, 24).
15. Chapter 32 and its complement fold chapter 95 lead to Shalokas pair (23, 19).
16. Chapter 63 and its complement fold chapter 64 lead to Shalokas pair (39, 21).
17. One may have a pause here and one shall go through the text of the chapters and to glimpse and imbibe the value of the respective artifices of number Shalokas of these chapters.

5

SEQUENTIAL ARRANGE OF 73 NUMBERS OF SHALOKAS OF 126 CHAPTERS OF TEXT OF SRI VISHNU PURAN

1

GENERAL

1. Shalokas ranges of all 126 chapters of Sri Vishnu Puran are only 73 in number.
2. It would be a blissful to take note that $126 = 73+53$.
3. Number values pair (73, 53) is structurally very reach pair of values, as much as that NVF (format) = 73 and NVF (axes) = 53.
4. Further as that this range of value 73 steps has the beginning value '5' and end value '173'.
5. It would be a blissful exercise to sequentially chase this range of 73 values (of ranges of Shalokas of 126 chapters of the text of Sri Vishnu Puran) to glimpse their geometric formats along Sathapatya measuring rod format.

6. Here, below are indicated basic feature of values and formats of this range of numbers of Shalokas:

S. no	Number of sholkas	Feature of value and format of the value of the numbers of Shalokas
1	5	Number value 5 is parallel to transcendental domain (5-space domain).
2	6	Number value 6 is parallel to self-referral domain (6-space domain).
3	12	Number value 12 is parallel to the format of transcendental boundary of 12 components of self-referral domain.
4	13	Number value 13 is parallel to 13 geometries range of 6-space parallel to which 13 versions of hyper cube 6, the representative regular of 6-space.
5	14	Number value 14 is parallel to summation value 14 of four fold manifestation layer (2, 3, 4, 5) of hyper cube 6.
6	16	Number value 16 is parallel to the organization of self-referral origin of transcendental domain (5+6+5).
7	17	Number value 17 is parallel to placement value 17 of northern hemisphere of our solar universe.
8	18	Number value 18 is parallel to summation value of four fold manifestation layers (3, 4, 5, 6) of hyper cube 5.
9	19	Number value 19 is parallel to placement value 19 of southern hemisphere of our solar universe.
10	20	Number value 20 is parallel to transcendental code value 20 of formulation Dev. This value is also parallel to Divya Ganga Parvaha of (9, 7, 3, 1) of streams. This value is further parallel to

		<p>summation value of domain split spectrum $(1+2+5+12) = 20$.</p> <p>Still further it is also parallel to summation value of synthesis of single, double, triple and quadruples dimensions of same order $(n, n+2, 6, 12-2n)$</p>
11	21	<p>Number value 21 is parallel to summation of artifices of number values of Sathapatya measuring rod of hyper cube 1 to 6.</p> <p>Further this value is parallel to 21 branches of Rig-Ved.</p>
12	23	<p>Number value 23 is parallel to the structural set up $(3+5+3 \times 5)$.</p> <p>This value is further parallel to transcendental code value of formulation 'anant'.</p>
13	24	<p>Number value 24 is parallel to 24 element of 6-space which is further parallel to dimensional value of 6-space of 6 creative dimensions.</p>
14	25	<p>Number value 25 is parallel to transcendental code value of formulation Vishnu.</p> <p>It is further parallel to synthesis values quadruples quarters of a square $(9+6+6+4)$.</p>
15	26	<p>Number value 26 is parallel to summation value of four fold manifestation layers $(5+6+7+8)$ of hyper cube 7.</p>
16	28	<p>Number value 28 is parallel to transcendental code value of formulation Braham.</p> <p>Number value 28 is parallel to perfect number 28.</p>
17	30	<p>Number value 30 is parallel to four fold manifestation layers $(6, 7, 8, 9)$ of hyper cube 8.</p>
18	31	<p>Number value 31 is parallel to synthesis value of a pair of transcendence ranges of linear order.</p>

		It is also parallel to cube being the structural set up of 31 components (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes and 1 centre).
19	32	Number value 32 is accepts re-organization as 2^5 , which is parallel to the number of choices of range (1, 2, 3, 4, 5, 6) making summation value 6.
20	33	Number value 33 is parallel to the split of 3 dimensional frames into a pair of 3 dimensional frame of half dimensions.
21	35	Number value 35 constitutes reflection pair with number 53. Further that number value 35 constitute a reflection pair with number (-35) as well. Further that number value 35 is parallel to dimensional value of dimensional frame of unity state of 7 transcendental dimensions.
22	36	Number value 36 is parallel to the transcendental code value of formulation 'Pranavah'.
23	39	Number value 39 is parallel to transcendental code value of formulation 'Surya Parkash'
24	34	Number value 34 is parallel to summation value of four fold manifestation layer (7+8+9+10) of hyper cube 9.
25	38	Number value 38 is accepts re-organization as 19+19. Further number 38 is parallel to summation value (8+9+10+11) of four fold manifestation layers of hyper cube 10.
26	40	Number value 40 is parallel to fixation of creative a boundary of transcendental domain in terms of 40 coordinate.
27	41	Number value 41 is parallel to a reach of Sathapatya measuring rod of 4-space synthesized by hyper cubes 1 to 4.

28	42	Number value 42 is parallel to four folds manifestation layer (9+10+11+12) of hyper cube 11.
29	43	Number value 43 is parallel to 43 version of hyper cube 21.
30	44	Number value 44 accepts re-organization as 22 + 22 which is parallel to four folds manifestation layer of a pair of hyper cube 6.
31	45	Number value 45 accepts re-organization as $45 = (1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9)$, which is parallel to the format of Sathapatya measuring rod of Brahman domain (9-space).
32	46	Number value 46 constitutes a reflection pair with number value 64. Further number value 46 constitute is reflection pair with (-46), which is synthesis value of a pair of transcendence ranges of dimensional order (-6).
33	47	Number value 47 is parallel to 47 versions of hyper cube 23.
34	48	Number value 48 accepts re-organization as $48 = 2 \times 4 \times 6$ which is parallel to dimensional value of dimensional frame of hyper cube 6 with 4-space as its dimensions and 2-space as dimension of dimension.
35	49	Number value 49 is parallel to transcendental code value of formulation 'marutganah'.
36	50	Number value 50 is parallel to 50 coordination fixation for the creative boundary of 10 components of transcendental domain within a solid dimensional frame of 5 solid dimensions.
37	51	Number value 51 is parallel to reach of Sathapatya measuring rod of transcendental domain synthesized by hype cubes 1 to 5.
38	52	Number value 52 is parallel to

		summation value of a pair of four fold manifestation layers (5+6+7+8) of hyper cube 7. Further that value 52 constitutes a reflection pair with number value 25.
39	53	Number value 53 is parallel to synthesis value of a pair of solid order transcendence ranges.
40	56	Number value 56 is parallel to the summation value of quadruple four folds manifestation layers (2, 3, 4, 5) of hyper cube 4
41	57	Number value 57 constitutes a reflection pair with number value 75. Further that number value 57 also constitutes a reflection pair with (-57) which is synthesis value of a pair of transcendence ranges of negative unity state order (-7) as order.
42	58	Number value 58 is parallel to summation value of four fold manifestation layers (13, 14, 15, 16) of hyper cube 15.
43	60	Number value 60 is parallel to fixation of transcendental boundary of 12 components of self-referral domain by 60 coordinates.
44	62	Number value 62 is parallel to summation value of four folds manifestation layers (14, 15, 16, 17) of hyper cube 16.
45	64	Number value 64 is parallel to synthesis value of a pair of transcendence ranges of creative dimensional order.
46	66	
47	70	
48	75	
49	76	
50	80	
51	83	
52	85	
53	86	

54	87	
55	90	
56	91	
57	94	
58	95	
59	96	
60	97	
61	104	
62	105	
63	113	
64	122	
65	127	
66	133	
67	151	
68	156	
69	162	
70	173	
71	149	
72	27	
73	29	

GLIMPSING 6-SPACE

1

NUMBER VALUE 6

1. Number value 6 is the unique as it is the value of first perfect number.
2. Further it is a unique perfect number as much as that here in this case sum its proper divisors is equal to the product of proper divisors.
3. This feature $(1+2+3) = 1 \times 2 \times 3$ as sum of proper divisor being equal to product of proper divisor uniquely available in respect of number value 6 only.
4. With it, number value 6 and parallel to it 6-space acquire unique importance.

2

NUMBER VALUE 28

1. Number value 28, as well as, the value of a perfect number, a second perfect number but in this case sum of it five proper divisor is equal to 28 but their product value is much bigger as much as that $(1+2+4+7+14) = 28$, while $(1 \times 2 \times 4 \times 7 \times 14) = 784$.
2. One may have a pause here and take note that values pair (6, 8) and values pair (784, 786) are of (dimension, domain) format.

3

6-SPACE

1. 6-space as 6-space content manifesting as 6-space domain, in the role of dimension creates its space.
2. Split of 6-space domain leads to spectrum of entities (1, 2, 5 and 12).
3. One may have a pause here and take note that 6-space domain, in itself a single entity spectrum of its own.
4. Split of 6-space domain as a pair of entities of 4-space domains, also simultaneously releases a single entity of spatial order being dimension of dimension of 6-space.
5. A step ahead, there emerges is spectrum of 5 entities of 2-space domain values and in addition there emerges pair of dimension of dimension order entities of zero order.
6. As such, a step ahead, there happen to be a spectrum of 12 entities of zero space domain set up and in addition their being a release of 5 entities of (-2 space) domain as dimension of dimension values.
7. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

DIFFERENT ROLE OF 6-SPACE

1. Amongst others, following are 6 prominent role of 6-space:
 - (I) 6-space as domain fold of hyper cube 6.
 - (II) 6-space as boundary fold of hyper cube 7.
 - (III) 6-space as dimension fold of hyper cube 7.
 - (IV) 6-space as origin folds of hyper cube 5.
 - (V) 6-space as base fold of hyper cube 4.
 - (VI) 6-space as format fold of hyper cube 3.
2. Above different role of 6-space can be depicted as 6x6 formats as under:

1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8
4	5	6	7	8	9
5	6	7	8	9	10
6	7	8	9	10	11

3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5

HYPER CUBE 6

1. Hyper cube 6 is the representative regular body of 6-space manifesting as four folds manifestation layers (4, 5, 6, 7) within creator's space (4-space).
2. Hyper cube 6 is of a creative dimensional order, transcendental boundary self-referral domain and of unity state origin.
3. It has natural base and Brahman format.
4. Creative dimensional frame is a set up of 6 creative dimensions (4-space in the role of dimension).
5. With it, dimensional value of this set up comes to be $6 \times 4 = 24$.
6. Further as that, creative order, itself is a spatial dimension of dimension.
7. As such, it leads to dimensional value $(6 \times 4 \times 2) = 48$.
8. Transcendental boundary of 6-space is a set up of 12 components.
9. These 12 components have fixation coordination in terms of $12 \times 5 = 60$ coordinates.

10. Further this transcendental boundary of 12 components gets fixations with in creative dimensional frame of self-referral domain in terms of $12 \times 6 = 72$ coordinates.
11. Still further, this transcendental boundary of 12 components manifests a 12 place value formats.
12. Still further, grids $(12-1) \times (12+1)$ accommodate, all 143 double digit number of 12 place value system.
13. Still further, the organization of 12 boundary components as $12 = 5+7$, is shall be leading take off of 7 transcendental components which dimensionalise the outside space as 7 dimensional space.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

6

7-SPACE ORIGIN

1. 7-space origin of 6space is of transcendental origin and as such transcendence at the origin amounts to super imposition of transcendental order upon the creative dimensional order of 6-space domain.
2. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values

7

MEASURING ROD OF 6-SPACE DOMAIN

1. Sathapatya measuring rod is the measuring rod of 6-space domain.
2. This measuring rod is synthesized by hyper cubes 1 to 6.
3. Boundary fold of hyper cubes 1 to 6 are of values (2, 4, 6, 8, 10, 12), which is parallel to external characteristics of shad chakras of human frame and with it, human body permits its coordination and chase in terms of Sathapatya measuring rod, and there by existence phenomenon within human frame (as human body) becomes the existence phenomenon of format of 6-space domain.

8

SURYA ANK

1. Surya Ank sun number is 6.
2. Sun is real 6-space domain.

3. Lord Vishnu is the over Lord of real 6-space. Earth to sun is a 6 steps format of earth, water, fire, air, space and sun. This format is parallel to format of hyper cubes 1 to 6 parallel number values range is (1, 2, 3, 4, 5, 6).
4. As $(1 \times 2 \times 3) = (2 \times 3) = (-2) \times (-3)$, as such 6-space as a self-referral domain absorbs orientations and the earth to sun format as a self-referral format, also take us from sun to earth parallel to values range (1, 2, 3, 4, 5, 6).
5. One may have a pause here and have a fresh visit to 6 steps long range in its both orientations (1, 2, 3, 4, 5, 6) and (6, 5, 4, 3, 2, 1).
6. One may have a pause here and take note that transcendental code value format 'Prithvi' is 25, which is also the transcendental code value of formulation 'Vishnu'.
7. It would be a blissful to take note that the NVF (Earth) = 52 = NVF (Six).
8. Still further, it would be blissful to take note that numbers pair (25, 52) constitutes a fraction pair of artifices.
9. Still further as that, (25, 52) is equal to 77.
10. It would be a blissful to glimpse through following NVF equation:
 - (I) NVF (Matter) = NVF (Earth Area) = NVF (Court) = NVF (Christ) = NVF (Church Cage) = NVF (Black Tree).

9

$$\mathbf{6 = 3+3= 2+2+2}$$

1. 4-space plays the role of dimension of 6-space.
2. 4-space itself is a spatial order space.
3. As such, 4-space mathematics accepts a pair of unit '2 as 1 and 1 as 2', which lead to '1/2' as working unit.
4. Further 5-space is a solid order space and as such it has units '3 as 1, and 1 as 3', which is lead to '1/3' as a working unit.
5. One may have a pause here and take note that transcendental code value of formulations one (1) and triya (3), both have equal value '8'.
6. With the light of these features one may glimpse and imbibe the happening of transcendental phenomenon of in-carnation of Lord Vishnu during Trita uga and during Dwapur uga.
7. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

GLIMPSING REAL 6-SPACE

1. Sadhakas fulfilled with intensity of urge to glimpsing real 6-space shall transcendence parallel to Brahma Yog enlightenment of chapter 125 of Sri Vishnu Puran.
2. For it, one shall first glimpse through compactified state of human body itself.
3. Glimpsing of real 6-space , as such is to be phased quarter by quarter four folds compactification of human body, coordinated as shad chakra format.

GLIMPSING REAL 6-SPACE

1

BRAHAM YOG

1. Mind is the cause of 'bonds/Bandhan' as well as 'liberation/moksh'.
2. Enlighten 1 goes consciously avail from the worldly subject and continuously meditates upon Braham.
3. As magnet attacks iron towards it, so the values of Braham attract the meditating Sadhakas.
4. The enlightenment steps to be face to face 'Athama' becomes the step of Braham Yog. The Sadhakas on this Yoga path are designated as Mumukash Yogi.
5. The initial stage is yoga yoguth yogi and when attainment is of the virtues of par-Braham is same makes yoga yoguth yogi a Vinishpamm Smadhi.
6. If some reason the consciousness of such yogi gets polluted then continuous effort attain pure state.
7. Vinishpamm Smadhi yogi burns all the fruit of karmas in a small period.
8. It is desirable that yogi shall continuously think and remain absorbed in Braham thought and to follow Braham charya, ahinsha, satya, astaya and aprigrah and to remain in nishkambhav state.
9. Yogi shall follow yama and neyaim and shall control one sense.

2

WHAT IS THE PURE SPOT OF CONSCIOUSNESS?

1. Braham is the spot of consciousness.
2. It is of two forms Murth and Amurth.
3. These are of 3 stream reach – Braham, Karam and both Braham and Karam.
4. Sanandan etc are along Braham stream path.
5. Yogi, at initial stage shall think about worldly mundane state form of Sri Hari.
6. The entire world (jagat), full of life is par Braham savroop Bhagwan Vishnu and his power (shakti) fulfilled is this vishav.
7. This shakti (power) is of three fold – Pra shakti (Vishnu shakti), apra shakti (kshetranga shakti and avidya shakti).
8. The other form of Vishnu is Amurat Braham yogi meditate upon this form as sat all power eminent from this power.
9. This state is divide of karma it is to be established beyond that is the liberated state of Vishnu.
10. It is to be meditated upon as Pitambar Dhari Braham Bhagwan Sri Vishnu.
11. One this state is established one should transcendence their form and to glimpse constitution free affine blissful state it is real 6-space state.

GLIMPSING AND IMBIBING THE VALUE OF REAL 6-SPACE

1

SADHAKAS FULFILLED WITH INTENSITY OF URGE

1. Sadhakas fulfilled with intensity of urge into glimpse and imbibe the values of real 6-space shall mediate the way Lord Brahma, creator's supreme mediate within cavity of his own heart and his blessed with the grace of transcendental lord.
2. Sadhakas shall sit comfortably and to permit the transcending mind to glimpse existence phenomenon within one's own frame.
3. Human frame is formatted along shad chakra format.
4. External characteristic of shad chakra are of range parallel to the boundary components reach (2, 4, 6, 8, 10, 12) of Sathapatya measuring rod.
5. Lord Vishnu, over lord of real 6-space is the presiding deity of Sathapatya measuring rod, while Lord Brahma is the over lord creator' space is the presiding deity of the measure of the Sathapatya measuring rod.
6. Along the format of Sathapatya measuring rod is the transmission path of transcendental carriers presided by Lord Shiv, the transcendental lord.
7. The way lord Brahma, the presiding deity of measure of Sathapatya measuring rod attains blessing of transcendental lord deserves to be glimpse and imbibed well by the Sadhakas fulfilled with intensity of urge to glimpse and imbibe the values and virtues of real 6-space.

2

LORD BRAHMA ATTAIN BLESSING OF LORD SHIV

1. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the ways lord Brahma attains blessing of lord Shiv.
2. With cavity of heart of lord Brahma is the seat of transcendental lord Shiv.
3. Lord Brahma is a four head Lord.
4. Within, each head are equipped a pair of eyes.
5. Lord Brahma sits gracefully on lotus seat of eight petals and meditates within cavity of its own heart upon transcendental lord.
6. Lord Shiv is a five head lord.
7. Within cavity of heart of Lord Shiv, is the self-referral seat of lord Vishnu.
8. Transcendental Lord Shiv meditates within in cavity of its own heart upon the self-referral lord Vishnu.
9. Scriptures well preserve the enlightenment as that with the grace and blessing of Lord Shiv, Lord Brahma multiplies as ten Brahma.
10. Further as that the grace and blessing of self-referral lord Vishnu, lord Shiv multiplies as dwadash adityas (12 suns).
11. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the grace and blessing of transcendental lord Shiv and self-referral lord Vishnu and

to fully imbibe the way in the process there has been attainment of $10 \times 12 = 120$ multi-folds.

12. Scriptures further preserves the vinshotri dasha (120 year cycle) of life span and existence phenomenon within human frame.
13. Sadhakas fulfilled with intensity of urge glimpse and imbibe the values and virtues of real 6-space, shall sequentially attain the grace and blessing of transcendental lord Shiv and self-referral lord Vishnu.
14. It would be a blissful to take note that 4-space plays the role of origin of 3-space, 5-space plays the role of origin of 4-space, and 6-space plays the role of origin of 5-space. This existence phenomenon of compactified origin deserves to be comprehended well and same deserves to be imbibed fully for its complete appreciation to acquire proper insight and to attain appropriate enlightenment about the existence phenomenon of within human frame.
15. It would be a blissful to take note that the existence phenomenon with in human frame within as well as solar universe run parallel to each other.
16. The creation of our solar universe permit transcendence and same ultimately go self-referral. It is this virtue of value of manifested creation which deserves to be imbibed blissfully.
17. It is this blissfully imbibing which is going to be glimpse and imbibing of values and virtues of real 6-space.

VEDIC MATHEMATICS BOOKS

1

SWAMI BHARTI KRISHNA TRITHA JI MAHARAJ

1. Vedic Mathematics.

2

SWAMI NISCHALANANDA SARASWATI MAHARAJ

1. Ganita darshana (English).
2. Nature of numbers.
3. Swastika Ganita.
4. Swastika Ganita (Sanskrit / hindi).
5. Vedic akrash ganit (Sanskrit / hindi).
6. Ganitchintamani (Sanskrit / hindi).
7. Ankpadyam (Sanskrit / hindi).
8. Ganitsutram (Sanskrit / hindi).
9. Sutararthsahinta (Sanskrit / hindi).
10. Dwayankpadhi vedicakrashvidha (Sanskrit / hindi).
11. Dwayankadhi padhti vedicvidhi(Sanskrit / hindi).
12. The genesis of zero and one and the binary system.
13. Sunya ank sadhi and dwyapadthi

3

SHIKSHA BHARTI

1. Vedic ganit class 3.
2. Vedic ganit class 6.
3. Vedic ganit class 8.
4. Vedic ganit class 9.
5. Vedic ganit class 10.

4

HINDU MATHEMATICS

1. Leelavati of bhaskaracarya.
2. Arya bhatyam by arya bhat.

3. Surya siddhanta.
4. Ancient hindu geometry by bibhutibhushan data.

5

SOURCE SCRIPTURE

1. Baudhayana sulba.
2. Apastamba sulba.
3. Katyayana sulba.

6

VEDIC SOURCE

1. Shakala rig ved samitha.
2. Arthrav ved samitha.
3. Manasara.

7

UPANISHAD

1. Chandagyo-upanishad.

8

VEDANGA

1. Pingla chand vedanga.
2. Lagdh jyotish vedanga.

9

BOOKS BY K.R.WILLIAMS AND HIS TEAM

1. The crowing gem.
(one Vedic master-formula for powers, roots and polynomial equations).

BOOKS BY DR. S. K. KAPOOR

1. Vedic geometry (1994-95).
2. Fermats last theorem and higher spaces reality course (1996-97).
3. Foundation of higher Vedic Mathematics (1998-99).
4. Goldbach theorem (2000-01).
5. Learn and teach Vedic Mathematics (2004).
6. Vedic Mathematics decodes: SPACE BOOK (2005).
7. Practice Vedic Mathematics (2006).
8. Learning Vedic Mathematics on first principles (2006).
9. Vedic Mathematics basics (2006).
10. Vedic Mathematics skills for perfection of intelligence (2006).
11. Vedic geometry course (2006).
12. Vedic Mathematics for all(2006).
13. Vedic Mathematics Teaching (2005).
14. Vedic Mathematics (organization format of Ganita Sutras) (2010).
15. Vedic Mathematics New Horizon Vol-1 Initial Lessons (2011).
16. Vedic Mathematics New Horizon Vol-2 Advance Lessons (2011).
17. Vedic Mathematical basis of English language (2013).
18. Vedic Mathematics, Science & Technology (2014).
19. Discipline of VMS & T (2016).
20. Vedic Mathematics values book-1 (2017).
21. Vedic Mathematics values book-2 (2017).
22. Vedic Mathematics values reach (2017).

CONCEPTS TABULATION

PART 1 GENERAL

1. Bindu sarovar
2. Ardh-matra.
3. Tri-pundrum.
4. Swastik pada.
5. Pushpika.
6. Divya Ganga Parvaha.
7. Om pranava
8. Aum
9. Omkar
10. Udgith.
11. Vashatakara.
12. Sapt bhumi.
13. Asht- prakriti.
14. Nav braham.
15. Ek- shira.
16. Dwi- shira.
17. Tri-shira.
18. Chatur-mukha.
19. Panch-mukha.
20. Shan-mukha.
21. Prithivi
22. Aapa
23. Agni
24. Vayu
25. Akash.
26. Surya.
27. Dhruv.
28. Panch-bhaut.
29. Panch-mahabhaut.
30. Sthul-shreer.
31. Suksham-shreer.
32. Karan-shreer.
33. Jagrita- avatshta.
34. Swapan avatshta.
35. Sushapti avatshta.
36. Turiya avatshta.
37. Turiya attet avatshta.
38. Divya avatshta.
39. Ekatamak- avatshta.

40. Sankhya-nishtha.
41. Yoga- nishtha.
42. Atma
43. Antha-karan.
44. Manas.
45. Buddihi.
46. Chit.
47. Ahnkar.
48. Mukti-moksha.
49. Life-death-life cycle.
50. Braham, Creator's the supreme.
51. One day life span of lord brahma.
52. One thousand chature times span.
53. Fourteen manmantra life span.
54. Twenty eight dwapura yuga vyasa.
55. Four Vedas organization.
56. Athrav ved is the Ved for reach at of meaning of other Vedas.
57. Sathapatya upved of arthrav ved settle the format for organizational reach of values of Vedas.
58. Shakala Rig Ved Samhita is parallel to the values of our Solar Universe.
59. Devnagri alphabet is the beginning and the end reach of Vedic systems.
60. Ganita Sutras manifest the chase steps values of Vedic systems.
61. Sadhakas fulfilled intensity of urge to glimpse and imbibe these processing steps of Vedic systems shall glimpse and imbibe the values and formats of Devnagri alphabet letters, as initial learning step.
62. In terms of values and formats of individual letters availed by Ganita Sutra and Ganita Upsutra, one shall reach at the mathematical domains of basis base Vedic Mathematics.
63. For it, Ganita Sutra '1' as taken as the source Ganita Sutra and Ganita Upsutra '1' as the source Ganita Upsutra.
64. The gaps of Ganita Sutras mathematical domains are to be bridged by mathematical domain of Ganita Upsutras.
65. The emerging integrated mathematical domain of 16 Ganita Sutras and 13 Ganita Upsutras as a range of 29 steps is parallel to the reach of creator's space presided by lord Brahma, creator supreme.
66. It would be a blissful to take note that formulation Brahma accepts transcendental code value 29 as a range of mathematical domain of 29 steps.
67. Creator the space (4-space) is a spatial order space and as such 29 steps long range becomes a cyclic system with a reach from value 29 to value 30 there happen to a reach back at value 1.
68. Number value 30 accepts organization as $30 = (5+6+7+8+9)$, which is parallel to four folds manifestation layers (6, 7, 8, 9) of hyper cube 8 of a spatial dimensional order.
69. It would be a blissful to take note that it is the reach which is to be attained.

70. The organization of text of Ganita Sutras avails number value (0, 1, 2, 7, 9, 10) and the jump of over range of value (3, 4, 5, 6, 8) is to be worked out as hyper cube 5 (6-space) in the role of origin which has dimensional order structure hyper cube 8 and their by there is reach at the set up of asht prakarti.
71. One's the values set up of asht prakarti stands known, its Brahman spot is to be meditated upon and to be glimpsed and to be attempted.
72. The glimpsing and attainment of Brahman spot is to be parallel to the glimpsing and attainment of Lord Brahma and of transcendental Lord Shiv.
73. Scripture well preserve that Lord Brahma meditate of cavity of its own heart transcendental on lord and with the grace of transcendental lord Brahma multiply ten folds and manifests creative boundary of transcendental domain.
74. A step ahead the further preservation of enlightenment as that transcendental Lord Shiv meditate of cavity of its own heart and with the grace with of self-referral lord Vishnu, transcendental Lord manifests as dwadashadhityas (12 suns).

PART 2

LETTERS OF THE TEXT OF GANITA SUTRAS AND GANITA UPSUTRAS

1. Text of Ganita Sutras and Ganita Upsutras avails 36 letters in all.
2. Each of these letters has its specific value and format as per its placement in the Devnagri alphabet format.
3. These values and formats provide specific mathematical components of processing systems.
4. As such, it would be a proper step that first of all, one shall tabulate these values and formats of these letters so that one gets fully equitant to them.
5. These 36 alphabet letters get classified and grouped as ten vowel and 16 Vargas consonants, four Anthstha letters, four Ushmana letters and 2 Yama letters.
6. Of these ten vowels, 3 of them are elongated first second and third vowel accepting values (1+1, 2+2 and 3+3).
7. Remaining 7 vowels are (first, second, third, fourth, sixth, seven and eight) vowels and these accepts values (1, 2, 3, 4, 6, 7, 8) respectively.
8. Of the 16 Vargas consonants, five are of first column, one is of second column, three are of 3 column and 2 are of fourth column and remaining five are of fifth column letters of 5x5 Vargas consonants.
9. Of the four Anthstha letters, all of them have been availed here in the text of Ganita Sutras and Ganita Upsutras.
10. Of the four ushmana letters, first three of them have been availed by Ganita Sutras and upsutras.
11. Of the 8 yama letter only first and fifth yama letters have been availed by the text of Ganita Sutras and upsutras.
12. The first vowel also has been availed in its own manifests form as well.

13. Un-manifests letters (first vowel), as such focus upon the format of one space domain which has not been activated as such for its dimensional role.
14. This has such as the affine state of 1-space domain.
15. First vowel accepts value 1 and a geometric format of 1 dimensional frame.
16. Elongated first vowel as such accepts the format of synthesis of a pair of dimensions of negative dimension order manifesting as linear order domain and their by permitting its chase in terms of measure '2 as 1 and 1 as 2'.
17. Second vowel accepts value '2'.
18. It also accepts a format of a dimensional frame of 2-space, a set up of a pair of dimensions of zero order.
19. Elongated second vowel accepts value 4 and a format of the reach of zero order leading to creative origin (4-space as origin).
20. Third vowel accepts value 3.
21. It accepts geometric format of a dimensional frame of 3-space of triple linear dimensions.
22. Elongated third vowel accepts value 6 which is parallel to synthesis value of triple dimensions of same order.
23. Fourth vowel accepts value 4 and a geometric format of dimensional frame of four dimensions of spatial order.
24. Sixth vowel accept value 6 and a geometric format of dimensional frame of 6-space of 6 creative dimensions.
25. Seventh vowel accepts value 7 and a dimensional frame of 7 dimensions of transcendental order (5-space in the role of dimension of 5-space)
26. Eight vowel accepts value 8 and a geometric format of a dimensional frame of 8-space of 8 dimensions of self-referral dimensions.
27. First letters of first column of Vargas consonants sequentially accepts values (1, 2, 3, 4, 5) and geometric format of linear, spatial, solid, creative and transcendental dimensional order respectively.
28. One letter of second column accepts value 2 and geometric format of a spatial boundary of 3-space.
29. Three letter of third column accepts values (3, 4, 6) and formats of 3-space domain, 4-space domain and 6-space domain respectively.
30. 2 letter of fourth column accepts value 7 and 8 and geometric formats of 7-space origin and 8-space origin respectively.
31. Five letter of fifth column sequentially accepts values (5, 6, 7, 8, 9) and also accepts geometric formats of five space, 6-space, 7-space, 8-space, 9-space base folds.
32. Four anthstha letters accepts values (1, 3, 5, 7) and geometric formats of ascendance on spatial base.
33. 3 ushmana letters accepts (3, 6, 9) and a geometric format of ascendance on solid base.
34. 2 yama letters accepts value (9, 13) and the geometric formats of 9th geometry of 4-space and 13th geometry of 6-space.

35. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

PART 3

DOMAIN SPLIT SPECTRUM AND DIMENSIONAL SYNTHESIS PHENOMENON

1. After glimpsing and imbibing the values and geometries formats of individual letters of the text of Ganita Sutras and upsutras, one shall glimpse and imbibe the phenomenon of domain split and dimensional synthesis.
2. Domain split sequentially is of entities of the range (1, 2, 5, 12, 29, 70, 169 ...) of entities of sequential decrease of dimensional order of degree 2 at each step.
3. The dimensional synthesis of sequential number of dimension (0, 1, 2, 3, 4, 5, 6, 7, 8 ...) of same order can be reached at from the respective values of previous order synthesis value range by having decrease of parallel values (0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, ...).
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

PART 4

CHASE ALONG THE FORMAT OF SATHAPATYA MEASURING ROD

1. One is equiventured with values and formats of individual letters, and further one's is also equiventured with the phenomenon of domain split and dimensional synthesis, one can proceed to work out Vedic Mathematical systems along the format of Sathapatya measuring rod.
2. Sathapatya measuring rod is a synthetic set up of hyper cube 1 to 6.
3. Hyper cube is of format of four fold manifestation layer: dimension fold, boundary fold, base fold and origin fold.
4. This format permits transcendence at the origin fold at a reach at base fold, and a step ahead at the format of the base fold, a still a step ahead a state of the format of the base fold of the origin fold of manifested domain of the hyper cube.
5. The compactification of origin folds as such makes the set up of a Sathapatya measuring rod of pair of phases of which the first phase being the set up of hyper cube 1, 2 and 3 and second phase is of the set up of hyper cubes 4,5, and 6
6. The first phase is horizontally coordinated while the second phase is vertically coordinated.

7. The first phase lead to the set up of triloki while second phase lead to the set up of trimurti.
8. Triloki organizes as interval square in cube within a cube, while trimurti organizes as sequential transcendence at the origin of 3-space sequentially leading to 4-space, 5-space, 6-space respectively.

PART 5

GLIMPSING AND IMBIBING THE VALUES OF 4, 5 AND 6-SPACES

1. Real initiation of the Sadhakas fulfilled with intensity of urge to learn Vedic knowledge as per its system begins with their initiation for glimpsing and imbibing the real 4, 5, and 6-spaces.

PART 6

LEARNING AND TEACHING OF VEDIC MATHEMATICS

1. Learning and teaching of Vedic Mathematics takes us to learning and teaching of quadruples spaces mathematics , sciences and technologies, namely of 3-space, 4-space, 5-space and 6-space.
2. As such school Vedic Mathematics is to be of 4 year duration of high and higher secondary classes mathematics of 3-space, 4-space, 5-space and 6-space respectively.
3. This learning and teaching is to be along the format of hyper cube (3, 4, 5, 6) respectively.
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

SCRIPTURAL QUOTATIONS

1. Arthrav Ved Samhita 1.1.3

Ye-trishpta pariyanti vishwa rupani bi bhrata

2. Shunyam

Arthrav Ved Samhita 14.9.19
(Mantra number 3874)

3. Manasara

Chapter 2

Sutra 64-65

The measuring rod shall be:

It should be **one cubit** long, one **angula** (**three-fourths** inch) broad, and its **thickness** is stated to be a **half angual**. The yard-stick (lit, cubit-measure) should be accurately marked.

Sutra 68

Vishnu is stated to be the tutelary god of (the wood for) both the yard-stick and the (measuring) rod.

Sutra 75

Vasuki (serpent-god) is the presiding deity of the (measuring) rope, and **Brahma** is known as the presiding deity of measurement.

Chapter 6

Sutra 13-14

The length of the gnomon should be one cubit (i.e., eighteen inches) and the width at the bottom six angulas (of three-fourths inch each); the width at the top-end should be two angulas, (the whole) gradually tapering from the bottom to the top.

Chapter 11 dimensions of buildings

Sutras 1 to 5

1. I will (now) elaborate in order the rules regarding the dimensions of storeys in (this) science (of architecture).

2-4. The square, rectangular, circular (round), octagonal, hexagonal, oval (lit,

circular with two corners) and so on: these are the various shapes (recommended for the storeys) which increase or decrease (from one to twelve in order).
5. The dimensions of the (afore) said storeys which vary from one to twelve should be (as stated below).

Note: There are 32 external gods and 13 internal gods.

4. Upnaishadic quotes of enlightenment of Om

- (i) Mandukyo Upanishad (mantras 1- 12).
- (ii) Gaudppadas karika's (chapters 1-4).
- (iii) Taittriya Upanishad (chapter 8)
- (iv) Isho Upanishad (mantra 17).
- (v) Katho Upanishad (I.ii.15,16,17).
- (vi) Mundakyo Upanishad (II.ii.4,6).
- (vii) Prasno Upanishad (5th question and answer 1-7)
- (viii) Chhandgo Upanishad (I.1.i, III.1.i, IV.1.i)
- (ix) Bharidarnyako Upanishad (I.3.23).
- (x) Shavetastro upanishad (2.8)
- (xi) Matrianyo Upanishad(5.4, 5).
- (xii) Atharvshiro Upanishad (mantra 4).
- (xiii) Shukrhyo upnaishad (8.10).
- (xiv) Pranvo Upanishad (mantras 1-13).
- (xv) Brahmano Upanishad (mantra 1).
- (xvi) Brahmvidyo upnaishad (mantras 1-12, 39, 54, 55, 61, 69-72, 74, 76).
- (xvii) Kshukriko Upanishad (3, 4, 16, 22(hans)).
- (xviii) Yogtatvo Upanishad (36, 99, 100, 137-140).
- (xix) Sabalo Upanishad (4.3; 72x10 nerves).
- (xx) Mandalbrahmno Upanishad (1.2, 1.3, 2.1, 2.2, 4.1).
- (xxi) Hanso Upanishad (10-14).
- (xxii) Hablyo Upanishad (1-9).
- (xxiii) Maitryo Upanishad(11).
- (xxiv) Shadalyo Upanishad (sixth khanda).
- (xxv) Parbrahmo Upanishad (2.5).
- (xxvi) Katharudro Upanishad(2).
- (xxvii) Aruniyo Upanishad (5).
- (xxviii) Sanyaso Upanishad(8).
- (xxix) Naradprivarjko Upanishad (4.37, Ashatmoupdesh).
- (xxx) Atambodho Upanishad(I).
- (xxxi) Shatyayno upnaishad (16).
- (xxxii) Yagvalvako Upanishad (4).
- (xxxiii) Paramhanparivarjgo Upanishad (3.4).

5. Tritinity of gods

- (i) Isha Upanishad
(Mantra number 16)
'I am that very person that is yonder in the sun'.
- (ii) Katho Upanishad
(Mantra number 11)
'Purusha being the sixth dimensional domain set up, so the geometrical processing systems are to be restricted uptill six dimensional domain'.
- (iii) Avdatarkyo Upanishad
{mantra numbers (2-34)}
'Lord Vishnu is stated to be the tutelary god of (the wood for) both the yard-stick and the (measuring) rod'.
- (iv) Advedtarko Upanishad
(Shaloka 5)
Here are being taken up the external structural characteristics (of shad chakras format of human body). These with respect to the chakras (second to six) which are ahead of the tip of the nose (first chakra with two characteristics) are four, six, eight, ten and twelve respectively.
- (v) Chaturvedo Upanishad
Mantras (1, 4, 5, 6, 7).
- (vi) Yogtatvo Upanishad
Panchvakrayutam Somaya n Dashbahuum trilochna.
(Mantra 100).
'Lord Shiv admits five fola, beautifully balanced with ten arms and three eyes. (This description of personification of the domain governed by Lord Shiv is the description of fifth dimensional domain and as such it has a specific message for the lower Vedic Mathematics domain in terms of which it would imply that Lord Shiv personifies as fifth dimensional domain of ten frame components and a three dimensional constituent)'.
- (vii) Mandalbrahmano Upanishad
Body (sanskritic sarir) is of 96 measure (of fingure's thickness) (4-9).
'Eternity is achieved with Jyoti extending 12 measures above the head'.
- (viii) Dhyanbindu Upanishad
Mantras (26).
The lotus of the heart is of eight petals with 32 quarter having fragrance

known as kesar. (This description is of the frame part of the fourth dimensional domain $a^4 / 8a^3$ which is constituted by eight solids and contributes $8 \times 4 = 32$ distinct coordinates).

Mantras (40).

Within the heart, chaturbhuj (Lord having four arms) Maha-Vishnu is to be mediated upon. (This description is of the dimensional frame of the fourth dimensional domain).

Mantras (41).

Within that fourth dimensional domain is the Manipur chakra of twelve spokes which relieve to the enlighten words. (This is the description of the frame of the sixth dimensional domain expressed in terms of the fourth dimensional domain constituent).

6. Formats of idols:

We may tabulate the following parallelism between the manifested idols of trinity of Gods and the geometrid setups of hyper cubes – 4, 5 & 6 as geometric formats.

Concept	Geometric format
Idol	Representative geometric body
Number of heads	Number of dimensions of space
Head	Dimensional of the space
Number of eyes in head	Dimensional frame for dimension
Lotus (8 petals)	4-space
Lotus seat	Hyper cube 4 as domain
Lotus feet	Hyper cube 4 as boundary
Lotus eyed	Hyper cube 4 as dimension

Lord Brahma: Lord Brahma is a four head Lord with two eyes in his each head. He sits majestically on a lotus seat of eight petals. He meditates on his Lord (Lord

Shiv) in his heart and transcends to Shivlok where he multiplies himself as ten Brahmans of four heads each.

The geometric message of this enlightenment can be decoded in terms of the following complete parallelism between the idol of Lord Brahma and geometric set up of hyper cube 4.

Idol of Lord Brahma	Geometric set up of hyper cube 4
Four heads	Four dimensions
Two eyes	Spatial dimension/ 2-space as dimension of 4-space
Eight petals	Eight solid boundary components ($A^4:8A^3$)
Heart	Origin / centre
Lord of Lord Brahma	5-space as origin of 4-space
Ten Brahmans	10 hyper cubes 4 as boundary of hyper cube 5 ($A^5:10A^4$)

Lord Shiv: Lord Shiv is a five head Lord with three eyes in his each head. He has ten beautiful arms. Hanumanji is incarnation of Lord Shiv. Lord Rama, the incarnation of Lord Vishnu, resides in the heart of Hanumanji.

The geometric message of this enlightenment can be decoded in terms of the following complete parallelism between the idol of Lord Shiv and the geometric setup of hyper cube 5.

Idol of Lord Shiv	Geometric set up of hyper cube 5
Five heads	Five dimensions
Three eyes	Solid dimension / 3-space as dimension of 5-space
Ten arms	Ten hyper solid boundary components ($A^5:10A^4$)
Heart	Origin / centre
Lord of Lord Shiv	6-space as origin of 5-space
Dwadas adityas (12 suns)	12 hyper cubes 5 as boundary of hyper cube 6 ($A^6:12A^5$)

HYPER CUBE 3 CUBE

DOMAIN- BOUNDARY RATIO (A³:6B²)

1. Vishwarupa
Shat-Phat-Brahman- (Kanda 3)- Chapter 7- Brahman 2 (A⁶:12B⁵).
2. Page 822 (Kanda 5)- (Chapter 5)- (Brahman 4)- (Shaloka 2)- (vishwarupa).

Note: Tvashtha-one son it has three head and six eyes. He has 3 mouths. This attains designation as vishwarupa.

HYPER CUBE 4 DOMAIN BOUNDARY RATIO (A⁴:8B³)

(Kanda 3)- (Chapter 4)- (Brahman 4)- (Shalokas 7).

Note: Juhu and upbhret are to technical terms which in the context represent 4-space domain and enveloping solid boundary of 8 components.

GANITA SUTRA

Sutra	Location reference
1	
2	
3	(i) Sath path Brahman- kanda 3- chapter 5 – brahman 2- shaloka 9, 15. (ii) Amrit-nad-upanishad- mantar 23.
4	
5	Pankati (5)
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NORTHERN AND SOUTHERN HEMISPHERE

1. Shrukra and sapt-dash som- presht:
17 and its back, 19 Yajur ved 13/56 (Mantra 686).
Note: Sath-Path Brahman is fully availing the Ganita Sutras values.

UPANISHADS

1. Aksh-Maliko-Upanishads
This Upanishad preserves the basic values of Akshar Vidhya.
Sadhakas fulfilled with intensity of urge to glimpse and to imbibe the values and virtues of akshars of alphabet shall sit comfortably and to permit the transcendence mind to glimpse and imbibe the values and virtues of akshars preserves in this scripture.
2. Dhyan Bindhu Upanishad
This upanished preserve the enlightenment of Beej akshar Om and the way **nad** flows through it and dissolves the shab thavni and thereby is going to be attainment of affine Brahman state.

Sadhakas fulfilled with intensity of urge to glimpse, imbibe and to attain this state shall sit comfortable and permit the transcending mind to follow the path and to attain the blissful of affine state.

Note: value of this Upanishad shall be glimpse and imbibe along with the values of nad bindu Upanishad and tej bindu Upanishad.

SURYA UPANISHAD

1. This Upanishad preserves the enlightenment of oneness with Brahmam. It further enlightens about the oneness of surya with Brahma, Vishnu and Rudhra. Further it preserves the oneness of surya with Rig, Yajur, Sam and Arthrav Vedas. It has oneness with 6 vowels.
2. It has maha mantre of 8 syllable. Withit, Sadhakas fulfilled with intensity of urge to have Vedic enlightenment of our solar universe shall glimpse and imbibe the values of this Upanishad.

SARASWATI RAHASU-UPANISHAD

1. This Upanishad preserves the enlightenment of Saraswati Mantras.
2. Sadhakas fulfilled with intensity of urge to attain enlightenment of the order of sarawati mantras shall glimpse and imbibe the values and virtues preserves in this Upanishad. Each of the 10 mantras has its specific rishi, specific chand and specific devta. Beej, shakti and kelak as well are to be non and to be imbibed. One shall draw the table of rishi, chand, devta, beej, shakti and kelak of all the 10 Saraswati mantras. In the light of enlightenment of these mantras, one shall glimpse the Vedas and to imbibe the basis of Vedic knowledge along the format of Saraswati mantra.
3. One shall further glimpse and imbibe the values of savitha and savitri of the punch mahabhut and to fully imbibe the values of bala and ati bala vidhya.

SWATESHVERA UPANISHAD

1. Chapter 6 mantra 3 of this Upanishad preserves the enlightenment of reach steps for the sukshama state (subtle body state) as of quadruples values (1, 2, 3, 8). This enlightenment preserves the basis base format for transition from linear order set up to a spatial order set up. Sadhakas fulfilled with intensity of urge to glimpse the Vyom lively within syllable of richa shall sits comfortable and to permit to transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe

the transition format from linear order to spatial order to other higher dimensional order set up. The chakra format preserve in mantra 4 of chapter 1 of this Upanishad deserves to be comprehended well to have distinctive comprehension of its components.

NUMBER VALUES 1 TO 100

1. Number values 1 to 100 are hundred in number.
2. These get classified as odds and evens, of cardinality of 50 each.
3. The difference between pair of consecutive odds and consecutive even is '2', which makes them of the format $(N, N+2)$, which is parallel to the format of (dimensions, domain).
4. Values sequence (2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 94, 98) are parallel to summation of four folds manifestation layers $(N-2, N-1, N, N+1)$ of hyper cube $N, N = 1$ to 25.
5. One may have a pause here and take note that there are 25 primes uptill number value 100, namely (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97).
6. Hyper cubes 1 to 25, respectively accepts (3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51) versions parallel to geometries ranges of 1-space to 25-space.
7. Hyper cubes 1 to 25, respectively accepts boundary components (2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50).
8. Hyper cubes 1 to 25 are respectively of dimensional orders (-1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23).
9. Double digit numbers 01 to 99, permits representation along 9x11 grids format as under:

01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99

10. The above grid 9x11 is organized as upper part and lower part in terms of the mirror line diagonal (10, 20, 30, 40, 50, 60, 70, 80, 90).
11. The upper part of this grid has a mirror line diagonal (11, 22, 33, 44) and in terms thereof the numbers of this part get organized as reflection pairs (01, 10), (02, 20), (03, 30), (12, 21), (04, 40), (13, 31), (05, 50), (14, 41), (23, 32), (06, 60), (15, 51), (24, 42), (07, 70), (16, 61), (25, 52), (34, 43), (08, 80), (17, 71), (26, 62), (35, 53), (09, 90), (18, 81), (27, 72), (36, 63), (45, 54).
12. These 25 reflection pairs together with 4 self reflecting artifices (11, 22, 33, 44) make the structural constitutions of the above upper part of the grids 9x11 of double digit numbers of ten place value systems.
13. Of the above 25 reflection pairs, nine of them namely (01, 10), (02, 20), (03, 30), (04, 40), (05, 50), (06, 60), (07, 70), (08, 80) and (09, 90) are having number value zero as the basic digit, while remaining 16 reflection pairs are not having a zero as a digit.
14. This way the above 29 constitutions of upper part get grouped as (16, 13) constitutions pair parallel to the organization of Ganita Sutra and upsutras being (16, 13) respectively.
15. One may further have a pause here and take note that $29 = 25 + 4 = 5^2 + 2^2$. And further as that 2-space as five geometry ranges. Still further as that 2-space plays the role of dimension of 4-space while 5-space plays the role of origin of 4-space.
16. Still further as that, hyper cube 4 is four fold manifestation layers (2, 3, 4, 5).
17. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
18. Values range 1 to 100 has ten steps long square values range (1, 4, 9, 16, 25, 36, 49, 64, 81, 100).
19. These has domain values lead to (-1, 2, 7, 14, 23, 34, 47, 62, 79, 98) as dimensions folds ranges.
20. Cubes range is of four steps uptill number value 100 namely (1, 8, 27, 64).
21. Uptill one thousand, cube range is ten steps long namely (1, 8, 27, 64, 125, 216, 343, 512, 729, 1000).
22. One may have a pause here and take note that square value range uptill one thousand is 33 steps long of values ($1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2, 8^2, 9^2, 10^2, 11^2, 12^2, 13^2, 14^2, 15^2, 16^2, 17^2, 18^2, 19^2, 20^2, 21^2, 22^2, 23^2, 24^2, 25^2, 26^2, 27^2, 28^2, 29^2, 30^2, 31^2, 32^2, 33^2$).
23. One may have a pause here and take note that values pairs (31, 33) is parallel to (dimension, domain) format.
24. Further as that, number value 31 is parallel to 31 structural components set up of cube (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes, 1 origin).
25. Further as that number 31 is the synthesis value of a pair of linear transcendental ranges (1, 2, 3, 4, 5) and (1, 2, 3, 4, 5).
26. Further as that (33, 35) as well is of the format parallel to (dimension, domain) format.
27. Further as that, (35, -35) constitutes a reflection pair.

28. Still further as that, number value (-35) is the synthesis value of pair of negative transcendental transcendence ranges (-5, -4, -3, -2, -1) and (-5, -4, -3, -2, -1).
29. Still further as that $35 = 5 \times 7$ which is parallel to the dimensional value of dimensional frame of 7-space constituted by 7 transcendental dimensions.
30. Still further that $35 = 36 - 1 = 6^2 - 1^2$.
31. It would be a blissful to take note that $6^2 = (1+2+3+4+5+6+5+4+3+2+1)$ and this way the synthetic format of a straight line as a pair of straight lines of opposite orientations is making the calculus simple having transformation for cubes and squares being tamed as intervals.

NUMBER VALUES 1 TO 1000

1. Number value $1000 = 999 + 1 = 33^2 + 1^2$.
2. Values range 1 to 33 has eleven prime namely (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31).
3. Every number of the range 2 to 1000 is either prime or is having (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31) being its factors.
4. Number value 2 takes care of all the even numbers.
5. Number value 3 takes care of multiplies of 3.
6. Number value 5 takes care of multiplies of 5.
7. Number value 7 takes care of multiplies of 7.
8. Likewise, number (11, 13, 17, 19, 23, 29, 31) takes care of theirs multiplies.
9. Proceeding like that we can reach at primes up till one thousand.
10. Triple digits numbers 001 to 999 gets classified as triples which have zero digit or not.
11. Triple abc leads to 6 fold expression as abc, bca, cab, acb, bac and cba.
12. This feature when availed brings us face to face with the organization format feature of triple digit numbers.
13. This feature brings us face to face with the organization of having fixation of a middle point for a giving pair of points.
14. Reach at the middle point is reach of the third step of which first would be of a having a fixation of first point, second step would be of fixation of second point and third step would be reach at the middle points.
15. This brings third point of middle placement.
16. Further as that, there would be a pair of orientation, as either of the given pair of points can be the first point.
17. This feature deserves to be comprehended well for its full appreciation.
18. This will brings us face to face with as to how the double digit set up will leads to triple digit set up by accommodating third digit at the middle placement of the pair of digit.
19. One may have pause here and take note that the middle placement , naturally is going to be of a fluctuating nature and as such, it continue would follow by the gap in between the pair of points becoming a single count, though of a different generic.
20. Points as of initial counts generic and the gaps between the points being of a different count generic, which is the feature which deserves to be comprehended well, with this glimpsing and imbibing one may be acquire insight and would be attaining enlightenment as to the recognition of necessity by the Vedic system to simultaneously work with a pair of counts generic.
21. Ones this is available, we will reach at a system of simultaneously working with the pair of consecutive dimensional space at a time.
22. It will amounts to working with domain and boundary simultaneously
23. It would be a blissful to take note that NVF (mathematics) = NVF (square) + NVF (cube).
24. It would be a blissful to work with the format $y^2 = x^3$.

25. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the format value features of following transcendental code value equations:
 $TCV (annat) = TCV (sahastra) = 23 = NVF (end)$. Sahastra means 1000 and annat means while never comes to an end.
26. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values

PERFECT NUMBERS ARTIFCES FORMATS REACH

1

PERFECT NUMBERS TRIPLE

1. (6, 28, 496) is the first perfect numbers triple.
2. Number value 6 accepts 3 proper divisors (1, 2, 3) and $6 = (1+2+3) = (1 \times 2 \times 3)$.
3. Number value 28 accepts 5 proper divisors (1, 2, 4, 7, 14) and $28 = (1+2+4+7+14)$, while $(1 \times 2 \times 4 \times 7 \times 14) = 784$.
4. Number value 496 accepts 9 proper divisors (1, 2, 4, 8, 16, 31, 62, 124, 248) and
 - (i) $496 = (1 + 2 + 4 + 8 + 16 + 31 + 62 + 124 + 248)$.
 - (ii) $(1 \times 2 \times 4 \times 8 \times 16 \times 31 \times 62 \times 124 \times 248) = 60523872256$.

2

NUMBER OF PROPER DIVISORS OF (6, 28, 496)

1. Number value 6 has 3 proper divisors.
2. Number value 28 has 5 proper divisors.
3. Number value 496 has 9 proper divisors.
4. Number value 5 is of middle placement of 9 numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9).
5. Number value 3 has middle placement of 5 numerals range (1, 2, 3, 4, 5).
6. Ten place values system has 9 numerals range.
7. Six place values system has 5 numerals range.
8. Four place values system has 3 numerals range.
9. This interlinking feature further brings us face to face with following further feature:
 - (i) Hyper cube 5 has creative boundary (4-space as boundary of ten components). 4-space as 9 geometries range. Creative boundary format manifests ten place value systems format.
 - (ii) Hyper cube 3 accepts spatial boundary (2-space as boundary) of 6 components. 2-space as five geometries range. Spatial boundary of 3-space manifests 6 place value systems format.
 - (iii) Hyper cube 2 accepts linear boundary of 4 components. 1-space as 3 geometries range. Linear boundary manifests 4 place value systems format.
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

3

SYNTHESIS OF TRANSCENDENCE RANGES

1. Transcendental domain (5-space domain) is of a solid order and of a linear dimension of dimension order.
2. With it, transcendence takes place within transcendental domain which takes up till linear dimension of dimension order.
3. Transcendental domain (5-space) has self-referral origin (6-space).
4. Self-referral domain also permits transcendence which takes from 6-space domain to 4-space dimension to 2-space as dimension of dimensions.
5. The transcendence from self-referral origin into transcendental domain, as such amounts to superimposition of spatial dimension of dimensions upon the linear dimension of dimensions.
6. It is this feature, which deserves to be comprehended well as the domain fold of hyper cube 3 accepts the format of a dimensional frame of 3 linear dimensions super imposed upon a 3 dimensional frame of 3 spatial dimensions.
7. One shall further have a pause here and take note that structural set up of cube is of 31 structural components namely (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes and 1 origin).
8. One may further have a pause here and take note that number value 31 accepts re-organization as $(5+4+3+2+1) + (1) + (1+2+3+4+5)$.
9. One may further have a pause here and take note that within each of the corner points of cube is embedded a 3 dimensional frame of half dimensions.
10. These 8 three dimensional frame of half dimensions are coordinated by 4 internal diagonal of the cube which play the role of translation paths for the pair of such 3 dimensional frames.
11. Further that the pair of 3 dimensional frames of half dimensions on their translation along the coordinating diagonal with their reach at centre of the cube, synthesize as an integrated 3 dimensional frame of full dimensions.
12. That way their stand synthesized quadruple number of 3 dimensional frames of full dimensions.
13. These quadruples 3 dimensional frame of full dimensions together with a 3 dimensional frame with origin at the centre of the cube integrating the volume of the cube makes a set of 5 three dimensional frames of full dimensions which is parallel to the solid dimensional frame of 5 dimensions of transcendental domain with self-referral origin.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
15. One may further have a pause here and take note that the solid dimensional order, itself as a set up of 3 dimensions and a origin shall be leading to the values (31, 31, 31) for the dimensions of solid order and the value 21 has a transcendence range of the self-referral origin (6-space as origin).
16. One may further have a pause here and take note that this brings us face to face with the emerging value $(31+31+31+21) = 114 = 57+57$.
17. Further as that, value 57 constitutes a reflection pair with (-57) as (57, -57) and value 57 also constitute a reflection pair 75 (57, 75).

18. It would be a blissful to take note that value number 75 is the synthesis value of a pair of transcendence ranges of transcendental dimensional order: $(9+8+7+6+5) + (5) + (5+6+7+8+9)$.
19. Still further number value (-57) is parallel to the synthesis value of transcendence range of negative unity state: $(-3,-4,-5,-6,-7) + (-7) + (-7, -6, -5, -4, -3)$.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

REFLECTION PAIR (01, 10)

1. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the value of reflection pair (01, 10) as of a pair of orientation accepting 01 unit, as well as 10 as a unit.
2. With it, the transcendental domain enveloped within a creative boundary of 10 components shall be bringing us face to face with the sequential values pairs:
 - (i) (01, 10).
 - (ii) $[(01)^2, (10)^2]$.
 - (iii) $[(01)^3, (10)^3]$.
3. The manifestation of hyper cube 5 within spatial order creator the space shall be splitting $10^3 = (500 + 500)$.
4. The value range 1 to 500 shall be leading us to manifestation of transcendence ranges (1, 2, 3, 4, 5), (2, 3, 4, 5, 6) ... (496, 497, 498, 499, 500).
5. One may have a pause here and take note that there emerge as many as 496 number of transcendence ranges for the range of value 1 to 500.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5

VALUES TRIPLE (4, 6, 9)

1. The values triple accepts interlinking factor $(3/2)$ as that $4 \times (3/2) = 6$ and $6 \times (3/2) = 9$.
2. One may have a pause here and take note that the structural set up of square is of 9 structural components namely (4 corner points, 4 sides and 1 centre).
3. When a pair of square synthesis together, the first square contributes 9 structural components while the second square contributes only 6 structural components.

4. Now further, when 4 square synthesis together as a square the total contribution comes to be $[(9+6) + (6+4)] = 25$.
5. One may have a pause here and take note that the sequential contribution is (9, 6, 4).
6. Now a step ahead, when one cube is synthesis with another cube, the contribution comes to be as of 27 and 18 structural components respectively.
7. Further sequential synthesis of eight cubes to synthesis a cube will be a contribution of structure as per the values (27, 18, 12, 8) and here as well the interlinking factor $(3/2)$ plays its role.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
9. One may have pause here and take note that value $(3/2)$ is of middle placement of a pair of values (1, 2).
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

6

VALUES PAIR (8, 786)

1. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of value pair (8, 786).
2. Value 8 interlinked as (6, 8) is of the format of (dimension, domain format).
3. Value 786 interlinked as (784, 786) is of dimension, domain format).
4. One may have a pause here and take note that $6 = (1 \times 2 \times 3)$ with (1, 2, 3) being the proper divisors of perfect number 6.
5. Further $784 = (1 \times 2 \times 4 \times 7 \times 14)$, while (1, 2, 4, 7, 14) are the proper divisors of perfect number 28.

7

VALUE TRIPLE (3, 7, 31)

1. It would be a blissful to take note that 3 is the biggest prime divisor of first perfect number 6.
2. 7 is the biggest prime proper divisor of second perfect number 28.
3. 31 is the biggest proper divisor of third perfect number 496.
4. It would be a blissful to take note that 3–space as 7 geometric range parallel to which are 7 versions of cube which itself is a set up of 31 structural components and number value 31 is the synthesis value of a pair of linear transcendence ranges permissible within transcendental domain of a solid order dimensional order (3-space playing the role of dimension of 5-space) while 5-space itself plays the role of dimension of 7–space.

5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

SAMVED

1

ORGANIZATION

1. One sequence is: 'Rig Ved, Yajur Ved, Sam Ved and Athrarv Ved.
2. The quadruple (riks, yajur, sama, atharavs) is the sequential formatting feature of this value of organization of Vedic knowledge division.
3. Quadruple (riks, yajur, sama, atharavs) accepts transcendental code values quadruple (5, 11, 15, 17).
4. Parallel format of this quadruple of value is (transcendental domain, eleven versions of hyper cube 5, solid dimensional frame of 5 dimensions and placement of northern hemisphere of solar universe).
5. From full transcendental domain to half of it as such is the organizational reach, taking it that other half would follow out the same.
6. Full domain as full solar universe (sphere) and half of it, as one of the hemisphere of the pair of hemispheres of the full sphere, become the feature of organization of these values.
7. Beginning, middle and the end reach, as the organizational thread will further emerge binding characteristics of this organization.
8. The focus, that way is to be the middle value as it is going to be gap fulfilling source ensuring continue.
9. The reach from the middle towards both ends, and that to simultaneously, and also as a single integrated system, will make it of a spatial order which supplies a pair of units (2 as 1, 1 as 2) resulting into (1/2) as the working rule unit.
10. This takes to spatial order 4-space.
11. With 4-space as the dimensional order of 6-space and this creative order (4-space) structuring hyper cube 6 format, as of 4 fold manifestation layers (4, 5, 6, 7) of summation value 22, that way makes the end pair of value (6, 22) of summation value $6+22 = 28$, parallel to transcendental code values of formulation Braham.
12. Further as that, the middle values as the initiation value of sole syllable (Om), makes the full expression from beginning to end including the value $1+6+22 = 29$, makes us face to face with the transcendental code value 29 transcendental. 4 head lord, creator's the supreme, over lord of real 4-space.
13. This way the reach of the middle as of spatial order creative space structure out self-referral origin (6-space as origin) of the transcendental domain and thereby there happen to be the attainment of placement for the southern hemisphere of our solar universe of placement value $17+2 = 19$, which is parallel to the transcendental code value of formulation Krishna, incarnation of lord Vishnu, the over lord of real 6-space.
14. One shall sit comfortably and permit the transcending mind to glimpse and imbibe above features of organization of Sam Ved as of 3 fold range of triple values (6, 1, 22) as Purvarchik, Mahamanyarchik and Utararchik.

15. Number value 6, the perfect number and number value $28 = 6+22$ as the second perfect number manifest the continue of the range of Sam Ved with its middle remaining lively in its un-manifest form, manifesting of its own and making it a transcendental phenomenon of ascendance form base through origin into domain as transcendence liquefy flow through the artifices of sole syllable of Om in the orientation through its 4th components of a reach up till its first component.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
17. It would be a blissful to take note that 5 folds transcendence range, permits manifestation for its quadruples gaps as of next generic counts like second element (water) counts in reference to first element (earth) counts.
18. This that way takes us from solids to liquids as a transcendence as upward ascendance system.
19. One may have a pause here and take note that the ascendance system is of opposite orientation in reference to Divya Ganga Parvaha of downward transcendence format through the ratifies of sole syllable Om.
20. With churning at the Bindu Sarovar and resultant Divya Ganga Parvaha through artifices of sole syllable Om having it reach up till the orb of the Pushpika is the transcendental phenomenon which deserves to be full glimpsed and to completely imbibed.
21. The churning at the orb of the Pushpika and the resultant liquefied transcendence along the opposite orientation back up till the Bindu Sarovar through artifices of sole syllable Om amount to completion of transcendence phenomenon for transcendental domain.
22. The Divya Ganga Parvaha from Bindu Sarovar to orb of the pushpika is the format of organization of Srimad Bhagwat Geeta.
23. The reach back form orb of the Pushpika up till Bindu Sarovar is the organization format of Sam Ved Samhita.
24. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

ASHT-PRAKRITI

1

NUMBER VALUE 8

1. Formulation '*asht*' mean '8'.
2. Formulation '*prakriti*' mean 'Nature'.
3. '*Asht prakriti*' mean '8 fold Nature'.
4. It accepts hyper cube 8 format.
5. It is virtues of values of 8-space.
6. Number value '8' accepts pairing as (6, 8) along the formats (dimension, domain).
7. Number value '6' is the perfect number.
8. It is a unique perfect number has sum and product of its proper divisors is equal to values six itself.
9. In no other case of range of perfect numbers this feature of sum and product of proper divisors to be equal is not available accepts in cases of first perfect number '6'.
10. The second perfect number 28 as sum of its proper divisors has 28 but product of his proper divisor is 784 which accepts pairing along the (dimension, domain) format as (784, 786).
11. Hyper cube 8 format is of four fold manifestation layer (6, 7, 8, 9) of summation value $(6+7+8+9) = 30$, which is parallel to transcendental code value of formulation Samhita.
12. Further as that the hyper cube 3 (cube) with its sealed origin is a structural of 30 structural components namely (8 corner points, 12 edges, 6 surfaces, 1 volume and 3 axes).
13. Cube splits into 8 sub cubes parallel to split of 3-space into 8 octants.
14. Number value '8' accepts re-organization as $8 = 2^3$.
15. Number value 2^3 is the second member of the sequence of cube ($1^3, 2^3, 3^3, 4^3, 5^3 \dots$).
16. The values range (2, 3, 4, 5, 6, 7) in between ($11^3, 2^3$) is of summation value $(2+3+4+5+6+7) = 27 = 3^3$.
17. One may have a pause here and take note that in this light, number value 3^3 its placement in between the pair of values ($1^3, 2^3$).

2

VALUES TRIPLE ($1^3, 3^3, 2^3$)

1. Summation value $1^3+3^3+2^3 = (1+2+3)^2 = (1 \times 2 \times 3)^2$.
2. The values pair (3, 6) script wise constitute a reflection pair along the format of a pair of orientation.
3. One may have a pause here and take note that the values pair (-1, +1) as well constitute a reflection pair along the format of pair of orientations.
4. Further split of a 3 dimensional frame into a pair of 3 dimensional frames of dimensions of opposite orientation as well is a manifestation value for the 3

dimensional frames of linear dimensions simultaneously availing the format of a pair of orientations.

5. One may have a pause here and take note that each corner point of a cube is embedded a 3 dimensional frame of half dimensions of orientation being inward towards the centre of the cube in every case.
6. Further as that this set of '8' three dimensional frames of half dimensions are coordinated as quadruple pairs by the quadruple internal diagonal of the cube.
7. Further as that, the diagonals manifests the translation path for the pair of 3 dimensional frames of half dimensions of opposite orientation which with their translation and reach up till the centre result in their synthesis as a 3 dimensional frame of full dimensions.

3

PAIR OF TRIPLE (1, 3, 2) AND (1³, 3³, 2³)

1. The values triple (1, 3, 2) is parallel to third step value of triple (1, 2, 3) getting placement and the middle of pair of values (1, 2).
2. The sequential value at the middle of pair of value (1, 2) is (3/2).
3. However, when both orientation reach is taken into consideration the same makes the value at the middle as (3).
4. One may have a pause here and take note that fixation of middle point of a given pair of points is going to be a exercise of 3 steps, of which first step, would be a fixation of first given point, as second step, to have a fixation of second given point and as a third step would get fixed the middle point, and that way, their sequential value comes at the middle.
5. Let us have a pause here and to revisit the values triple (1, 2, 3).
6. Parallel geometric format is (1-space domain, 2-space domain, 3-space domain).
7. Let us further have a pause here and to revisit manifestation of the domain fold, as the third fold of the 4 fold manifestation layer of hyper cube as representative regular body of the space manifesting as domain fold.
8. This bring to focus that domain fold is the third fold.
9. With it, the values triples as domain fold triples bring us face to face with a structural set ups value triple (1³, 2³, 3³).
10. It also shall be bringing us face to face with the following pair of formulation's transcendental codes values equations:
TCV (Ek) = 8 = TCV (Triya).
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

TRIPLE 'TRIPLE PAIRS'

1. Let us revisit following triple 'triples pairs':
 - (I) (123, 132)
 - (II) (231, 213),and
 - (III) (312, 321).
2. These triple 'triples pairs' organization bring us face to face with the triple dimensions set up formats values of a domain fold.
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
4. This, this way, takes us face to face with the set up of triples pairs of half dimension of a 3 dimensional frame.
5. This further as such, also brings us face to face, the domain boundary ratio $a^3:6b^2$.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5

SYNTHESIS OF 8 CUBES AS A CUBE

1. Synthesis of 8 cubes as a cube, and a split of a cube into 8 sub cubes deserve to be chased to glimpse the emerging structural components effects during such synthesis and split.
2. Cube (framed domain) is a structural set up of 27 structural components namely (8 corner points, 12 edges, 6 surfaces, 1 volume).
3. Total structural components of 8 cubes come to be $8 \times 27 = 216 = 6^3$.
4. Synthesis of 8 cubes as a cube (of eight sub cube) as such is a set up of 2^3 components (cubes) as sub cubes) respectively yielding structural components $[\{(27+18)+18+12\}]$, as total 75 structural component of 4 cubes as sub cubes of upper-story slab.
5. The lower slab of four cube as sub cube to be contributing 50 structural component with their contributing split as $[\{(18+12) + (12+8)\}]$.

6. With it, the total structural components of synthesis of eight cubes as sub cubes comes to be $75+50 = 125 = 5^3$.
7. One may have a pause here and take note that eight cube supplied 6^3 structural components while synthesized cube of eight sub cubes manifested only 5^3 structural components.
8. The difference value $(6^3-5^3) = 91$, which goes in un-manifest state deserve to be glimpsed for their comprehension and imbibing to acquire proper insight and appropriate enlightenment about this phenomenon.
9. NVF (mirror) = 91 = NVF (content) bring to focus about the mirror reflection effect as content role during this synthesis and split phenomenon.
10. This reflection operation is the added operation of the geometric format which deserve to be comprehended well for its applied value while geometric is been approached in terms of arithmetic.

6

NINTH SUB-CUBE

1. Concept of ninth sub cube takes us to the phenomenon of each sub cubes splitting into 8 sub-sub cubes and their by marking it a set up of 64 sub-sub cubes of a cube.
2. Of these 64 sub-sub cubes, the inner most eight sub-sub cubes (being a contribution of one sub-sub cube by a sub cube) together makes a set up parallel to a set up of sub cube and acquire designation of 9th sub cubes.
3. It is this ninth sub cube which deserves to be thoroughly glimpsed and to be fully imbibed for its complete appreciation of its role in the process of synthesis of eight cubes as a cube, and split of a cube into 8 sub cubes.
4. A step ahead, further split of eight sub-sub cubes constituting ninth sub cube will takes us to the set up of 512 sub-sub-sub cubes and inner most eight sub-sub-sub cubes constituting 65 sub-sub cubes.
5. This makes a format of $512+8 = 520$ components set up format for Ganita Sutras.

HYPER CUBE 8

1. Hyper cube 8 is a four folds manifestation layers (8, 9, 10, 11) of summation value $(8+9+10+11) = 38 = (19+19)$, which is parallel to the format of (TCV value 19 +TCV value 19).
2. TCV value 19 + TCV value 19) leads to a format of pairing of formulations of TCV value 19.
3. Fundamental formulation of TCV 19 is 'Krishna' / incarnation of lord Vishnu, over lord of real 6-space, which accepts for 6-space domain a measuring rod synthesized by hyper cubes 1 to 6 of range parallel to values range (1, 2, 3, 4, 5, 6) of summation value $(1+2+3+4+5+6) = 21$.
4. One may have a pause here and take note that the synthesis of a pair of dimensions of value 19 is $19+2 = 21$.
5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
6. Hyper cube 8 has a four folds manifestation layers (6, 7, 8, 9) accepts 6-space domain in the role of dimension, 7-space in the role of boundary, 8-space domain in the role of domain, 9-space domain in the role of origin.
7. Further as that, 8-space in the role of dimensions structures hyper cube 10 of four folds manifestation layers (8, 9, 10, 11).
8. One may have a pause here and take note that formulation *asht* accepts transcendental code value '11'.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
10. It would be a blissful to chase number value 11 providing artifices and format for synthesis of a pair of five folds transcendence ranges.
11. This format of eleven steps is due to 5 steps contribution by each transcendence range and 11th steps is contribution of the synthesis joint value.
12. It as such permits expression as:
(N+4, N+3, N+2, N+1, N, N, N, N+1, N+2, N+3, N+4).
13. One may have a pause here and take note that $N = 3$ leads us to synthesis value 53 which is parallel to 3-space in the role of dimension of 5-space.
14. One may further have a pause here and take note that $8 = 3+5$ is parallel to solid order superimposition upon transcendental domain.
15. It would be a blissful to chase values range (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) and parallel to it the emerging cubic /solid range:
 $(0^3, 1^3, 2^3, 3^3, 4^3, 5^3, 6^3, 7^3, 8^3, 9^3, 10^3)$
16. It gives us a format of paired value (N, N^3) .
17. For $N = 8$, the format value pair emerges as $(8^1, 8^3)$.
18. The summation value $8^1 + 8^3 = 520$.

19. It would be a blissful to take note that 520 points range leads to 519 unit range.
20. One may have a pause here and take note that the text of Ganita Sutra and upsutra is the text of $512 + 7 + 1$ (un-manifest) letters.
21. One may have a pause here and take note that the un-manifests letter is the first vowel (akara) of script's form as is availed in the in upsutra 8.
22. The seven letter formulation Anurupena with in bracket in the text of sutra 7, is the dormant state formulation.
23. Remaining 512 letters are the active formulation letter of the text of Ganita Sutras and upsutras.
24. The text of Ganita Sutra and upsutras avails 36 distinct letters of Devnagri alphabet.
25. It would be a blissful to take note that summation value of number 1 to 8 is 36.
26. Further as that, the middle range value 2 to 7 sum up number value $27 = 3^3$.
27. With this their happen to be placement of value 3^3 in between the pair of value $(1^3, 2^3)$.

8

EXISTENCE WITHIN HUMAN FRAME

1. Existence within human frame is along the shad-chakra format.
2. 6th chakra is at the top tip of head.
3. 6th chakra and sun are coordinated in terms of raise of the sun.
4. This way their happen to be the coordination of a pair of 6-space set up.
5. And, follows synthesis value $(6, 6) = 8$.
6. One may have a pause here and take note that this, that way fulfills the space of existence phenomenon within human frame as of the order of 8 folds nature of hyper cube 8 format.
7. It is this value which deserves to be comprehended well. Let us have a revisit to the set up of body within human frame as existing in a manifested format of 8 folds nature space.
8. The transcendence within 8-space is of the steps of :
 - (I) Firstly parallel to the feature of split of 8-space domain into a pair of 6-space domain.
 - (II) Secondly their happen to be a split of 6-space domain into a pair of 4-space domain.
 - (III) Thirdly, a step ahead their happen to be a split of 4-space domain into a pair of 2-space domain.
9. As 2-space is of a zero dimensional order, as such manifested existence is formatted up till above three steps.
10. One may have a pause here and take note that $8 = 2 \times 2 \times 2$ brings us face to face with the three dimensional frame of triple spatial dimensions format.
11. This will help us glimpse and imbibe the symmetrical cut and synthesis of the manifestation of body within human frame having 3 folds symmetry.

12. Of these 3 folds, the first fold is of manifest and un-manifest format and images.
13. The second symmetric format of a flat back and manifestation only towards one side of the back.
14. Third fold is the vertical symmetry right from pair of legs up till the pair of portion of the brain within the head.
15. This reach is the reach of 8 octants reach with pair of octants been in a synthesized form as quarter of the manifested existence.
16. With it human body within frame of shad chakra format is of potential parallel to octant of a space.
17. It is the potentiality of this human frame which deserves to be properly glimpsed and to be availed while been in a life span existence.

BASIC MATHEMATICS

1. Rolling out counts beginning with count 1.
2. Reach from whole numbers to other numbers.
3. Decimal representation for numbers.
4. Numbers evading decimal expression.
5. Addition operation.
6. Repeated addition as multiplication.
7. Subtraction as a reversal of addition.
8. Division as repeated subtraction.
9. Multiplication as powers addition.
10. Division as powers subtraction.
11. Powers to roots.
12. Orientations
13. Pair of phases of a surface.
14. Reflection, horizontal and vertical.
15. Place value system to algebraic format.
16. Polynomials
17. Static state and dynamic state points
18. Structured points
19. Gaps between the counts as of different generic counts.
20. Handling simultaneously a pair of generic counts
21. Dimensional orders
22. Manifested creation.
23. Manifested domain in different role.
24. Transcendence within domains
25. Transcendence through origins of domains.
26. Split of domain
27. Synthesis of dimensions of same order
28. Synthesis of pair of transcendence range of same order.
29. Working with dimensional frames of half dimensions.
30. Sathapatya measuring rod.
31. Transcendental carriers path.
32. Hyper cubes 1 to 9.
33. Human frame
34. Solar universe
35. Divya Ganga Parvaha
36. Churning and Bindu Sarovar.
37. Churning at orb of the pushpika
38. Intelligence field.
39. Consciousness states
40. Life-death-life cycle.
41. Asht parakariti
42. Nav Braham

43. Par Braham
44. Transcendental domain
45. Creative boundary
46. Self-referral origin
47. Unity state base
48. Existence phenomenon
49. Lord Brahma multiplies as ten brahmas
50. Home of Brahma and vidhya dhari within slab.
51. Illusion and reality divya –chakshu.

HIGHER DIMENSIONAL TECHNOLOGY

1

EXISTENCE PHENOMENON CHASE

1. Existence phenomenon chase is in complete when it is approach in terms of linear order 3 dimensional frame for a space.
2. Vedic systems approach it in terms of dimensional frame of higher dimensional orders.
3. Not only that, the approach of Vedic system is in terms of a array of dimensional frames.
4. Still further the array makes a synthetic set up.
5. This synthetic set up designated as Sathapatya measuring rod.

2

SATHAPATYA MEASURING ROD

1. Sathapatya measuring rod is a synthetic set up of higher cubes 1 to 6.
2. Higher cubes are 4 folds manifestation layers (dimensional fold, boundary fold, domain fold and origin fold).
3. Dimensional order is manifested as dimensional fold.
4. Dimensional fold create respective hypercube of four folds (dimensional fold, boundary fold, domain fold and origin fold).
5. Sathapatya measuring rod is synthetic up of manifested creation of linear order (1-space as dimension), spatial order (2-space as dimension), solid order (3-space as dimension), creative order (4-space as dimension), transcendental order (5-space as dimension) and self-referral order (6-space as dimension).
6. Lord Vishnu, the over lord of 6-space is the presiding deity of this measuring rod.
7. Lord Brahma, four head lord, creator the supreme, the over lord of 4-space is the presiding deity of this measuring rod.
8. This measuring rod covers 6-space domain, the domain fold of hyper cube 6.

3

COVERAGE OF 6-SPACE DOMAIN IN TERMS OF SATHAPATYA MEASURING ROD

1. Coverage of 6-space domain, which itself is the domain fold of hyper cube 6, by a Sathapatya measuring rod synthesized by hyper cubes 1 to 6 is the feature and value which deserves to be comprehended well.
2. One way to look at it is as that the reach of number value 6 is the reach of numbers value range (1, 2, 3, 4, 5, 6).
3. The formation of hyper cube 6 within 6-space domain, as such is the manifestation feature value of 6-space content as a domain fold (of hyper cube 6 itself).

4. Manifestation of 6-space content lump as 6-space domain fold is the feature value which deserves to be comprehended well to appreciate the existence of 6-space bodies, many in number, existence simultaneously.
5. One shall further comprehended well that point body of 6-space are the points fulfilled filled structure of 6 domain.
6. One shall further comprehend well that the organization of these 6-space domain points will leads to us as formatted along 1-space domain format, 2-space domain format, 3-space domain format, 4-space domain format, 5-space domain and 6-space domain format itself

4

DIFFERENT VERSIONS OF HYPER CUBE 6

7. 6-space has 13 geometric ranges and parallel to it there are 13 versions of hyper cube 6.
8. One may have a pause here and take note that the domain boundary ratio of hyper cube 6 is $a^6:12b^5$.
9. Self-referral domain (6-space as domain) accepts transcendental boundary (5-space as boundary) of 12 components.
10. The 13th version of self-referral domain (6-space domain) is free of its transcendental boundary.
11. This domain stands integration in terms of a dimensional frame of 6 creative dimensions and a unity state origin 7-space as origin of creative dimensions (4-space as dimensions).
12. 4-space is a spatial order (2-space as dimension) space.
13. As such spatial order (2-space as dimension) of creative domain (4-space as domain), manifests its format as 4x4 grids, which accommodate quadruple four folds manifestation layers (1, 2, 3, 4), (2, 3, 4, 5), (3, 4, 5, 6) and (4, 5, 6, 7).
14. Further 7-space as unity state origin of 6-space and 8-space as natural base permits transcendence at unity state origin for the self-referral domain for it reach at transcendental base.
15. The reach for 6-space domain through transcendence at 8-space base brings us face to face with the feature $6 = 2+2+2 = 3+3$ and $8 = 2 \times 2 \times 2 = 2^3$.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
17. Further one shall permit the transcending mind to glimpse the **set of points of 6-space domain** and the transcendental net being created through transcendence on reach up till natural base.

18. One shall further permit the transcending mind to glimpse the **knot** of the **net** and the resultant flow of self-referral values as a natural **tube**.

5

CONCEPTUAL TERMS

1. Set, net, knot, tube and likewise point, 6-space domain, transcendence, and further dimensional order, boundary fold, domain, origin and base and still further manifestation, and transcendence or the conceptually terms which deserve to be comprehended as such for appreciation for their feature and value to be imbibed to acquire proper insight and appropriate enlightenment about them.
2. Set is a space.
3. Net is the set up of formatted within the set.
4. Knot is the joint of the structural component of the net being the set up of set.
5. Tube is flow path of the values of the set up of the net within the set.
6. Point is the point of the domain of the set up of the set and it is fulfilled with full structure of the domain.
7. 6-space domain is the domain fold of hyper cube 6, the representative regular body of 6-space.
8. While, 6-space is the space approached in terms of a dimensional frame of 6 creative dimensions (4-space as dimensions).
9. Transcendence is a flow of domain and its value through origin for a reach up till base.
10. Dimensional order manifests as the domain fold, which creates respective dimensional order body of the respective space.
11. The created dimensional bodies are of 4 folds namely dimensional fold, boundary fold, domain fold and origin fold.
12. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
13. One shall specifically comprehend and imbibe the feature value of the phenomenon of manifestation and transcendence through the origin fold of manifested creation.

6

DOMAIN SPLIT SPECTRUM AND DIMENSIONAL SYNTHESIS

1. Manifestation and transcendence phenomenon has at its base domain split and dimensional synthesis phenomenon.
2. Domain split phenomenon leads to a sequential spectrum of (1, 2, 5, 12, 29, 70, 169, 408, 985 ...) entities of n domain, (n-2) domain (n-4) domain, (n-6) domain, (n-8) domain (n-10) domain, (n-12) domain, (n-14) domain, (n-16) domain etc-etc.
3. Dimensional synthesis value of linear dimensional order is (1, 3, 6, 10, 15, 21 ...) of single double triple quadruple and higher number of dimensions.
4. Dimensional synthesis value of spatial dimensional order is (2, 4, 6, 8, 10, 12 ...) of single double triple quadruple and higher number of dimensions.
5. The difference value of respective number of linear and spatial dimensional synthesis is the difference value of synthesis of equal number of dimensional of a pair of consecutive dimensional orders.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

7

SYNTHESIS OF TRANSCENDENTAL RANGES

1. The synthesis value of a pair of transcendence ranges of 5 fold of dimensional order N is $(20+11N) = (N+4) + (N+3) + (N+2) + (N+1) + (N) + (N) + (N) + (N+1) + (N+2) + (N+3) + (N+4)$.
2. One may have a pause here and take note that this leads us to values sequence: (... -35, -24, -13, -2, 9, 20, 31, 42, 53 ...).
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

8

NVF VALUES OF 'SET, NET, KNOT, TUBE'

1. NVF (set) = 44 = NVF (space).
2. NVF (net) = 39 = NVF (angle).
3. NVF (knot) = 60 = NVF (four).

4. NVF (tube) = 48 = NVF (tree).

9

FORMULATION KNOT

1. Formulation knot is k-not.
2. And, not is no-t.
3. NVF (k) = 11.
4. NVF (no) = 29.
5. NVF (t) = 20.
6. Number value triple (11, 29, t) on its chase brings us face to face with:
 - (i) Number value 11 is parallel to 11 geometric of 5-space, which is further parallel to 11 versions of hyper cube 5. Still further number value 11 is parallel to 11 step format of synthesis of a pair of transcendence of same order and it leads to whole range of sequence of synthesis value of pairs of transcendence ranges of same order, in respect of every dimensional order.
 - (ii) Number value 29 is parallel to 29 spectrum entities at fourth split stage of domain which sequentially lead to value (1, 2, 5, 12, 29 ...). Further as that number value 29 is parallel to transcendental code value of formulation Brahma, four head lord, creator's supreme, the over lord of real 4-space of transcendental origin (5-space as origin of 4-space).
 - (iii) Number value 20 is parallel to synthesis value of a pair of transcendence ranges of zero order. Further as that number value 20 is also parallel to transcendental code value formulation 'ved' and also of formulation 'dev'.
7. One may have a pause here and take note that transcendental origin (5-space as origin) of creator the space (4-space) creates a 'knot' and their by there happen to be a synthesis of pair of transcendence ranges along spatial order of 4-space beginning with zero dimensional order transcendence ranges.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

10

TRANSCENDENCE THROUGH TRANSCENDENTAL ORIGIN UPTILL SELF-REFERRAL BASE

1. Spatial order 4-space has solid order transcendental origin and creative order self-referral base.
2. Spatial order creative domain (4-space domain) transcendence through solid order transcendental origin (5-space origin) and same as a reach up till creative order self-referral base (6-space base).
3. This, as such, during transcendence has transition and transformation for role of 4-space as domain fold into 4-space as dimension fold of 6-space.
4. This in the process, sequentially takes us from 2-space in the role of spatial dimension of 4-space to 4-space itself in the role of creative dimension of 6-space.
5. One may have a pause here and take note that this as such, leads us to $2 \times 4 \times 6 = 48$ as the dimensional synthesis value of creative dimensional order structuring 6-space domain.
6. It would be a blissful to take note that this transcendence within 6-space domain is of step quadruple values (6, 4, 2, 0) up till the stop of the process.
7. It would be a blissful to take note that these quadruples transcendence steps are parallel to the 6-space domain split spectrum steps and same shall be leading to spectrum values sequence (1, 2, 5, 12 ...).
8. One may have a pause here and take note that the 12 entities reach is parallel to 12 components of transcendental boundary of self-referral domain (6-space domain).
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
10. It would be a blissful to take note that above transcendence phenomenon within creator domain as creative dimension creating self-referral domain enveloped within transcendental boundary is the phenomenon which deserves to be chased as the phenomenon of **tree** as **tube of knots of nets of sets** of 6-space domain.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

11

BLISSFUL EXERCISE

1. Blissful exercise to approach 6-space as a set.
2. 6-space content lump as points/ elements of this set.
3. 6-space domain creating a net of transcendence through it for flow of 6-space domain values as a tube manifesting as tree.
4. It would be a blissful to glimpse and imbibe the values of following NVF equations:
 - (i) NVF (half seed) = NVF (not).
 - (ii) NVF (seed phase) = NVF (tree).

GEOMETRY AS TECHNOLOGICAL TOOLS

1

MANIFESTATION AND TRANSCENDENCE

1. Manifestations are geometric formats.
2. Technologies are chasing transcendence through manifestations.
3. Manifestations formats go in unison with geometric formats.
4. Geometric formats are supplied by the geometric bodies.
5. Geometric bodies are the set ups of and about domains of the bodies themselves.
6. Domains of the bodies are the set ups of respective space contents (lumps).
7. This way, geometry is all about the set up of space content (lump) of geometric bodies.
8. Different domain folds (of different space content lump) manifestation together and make a manifestation.
9. So, synthesized manifestation permits transcendence there from and it makes technology of manifested creations along geometric formats.

2

GEOMETRY AS TECHNOLOGICAL TOOLS

1. Points, lines, surfaces, solid and hyper solids, has dimensional bodies of single space content lump (domain) and has synthetic set ups of more than one domain (as hyper cubes versions make different set up feature of the same format.
2. Half point, half dimension, half boundary, half domain, half origin formats make the geometrical tools for technologies.
3. Point, wide point, structured point, point domain, point as domain, point as constitution of a particular domain become the basics of geometrical tools of technologies.

SURFACE WITHIN SPACE

1

TWO FACED SURFACE

1. Surface has 2 face set up is of only one face.
2. Surface within 3 space is of two faces.
3. Both faces are of opposite orientations in reference to each other.
4. Parallel to it is the pair of values (+2, -2).
5. Number value +2) accepts re-organization as:
 - (i) $2 = -1+0+1+2$, this is parallel to four folds manifestation layers (-1, 0, 1, 2) of hyper cube 1.
6. Number value (-2) accepts re-organization as synthesis value of a pair of transcendence ranges of negative spatial order, as:
 - (i) $-2 = (2+1+0-1-2)+(-2)+(-2-1+0+1+2)$
7. One may have pause here and take note that +2 as a summation value of four folds manifestation layers and (-2) as a synthesis value of a pair of transcendence ranges, brings us face to face with the distinctgishing feature of a pair of faces of a surface within space.
8. One shall sit comfotably and permit the transcending mind to continuously remain in prologed sitting of trans and to glimpse and imbibe the above format feature and values.

2

Values triple (0, 1, 2)

1. Pair of points cover a unit range.
2. One shall sit comfotably and to comprehend and imbibe the feature of above organization of a pair of point and a unit, on the one hand, and values triple (0, 1, 2).

3

Values range (-2, -1, 0, 1, 2)

1. (-2-space) plays the role of dimensions of zero space while zero space itself plays the role of dimension of +2 space.
2. Further as that, zero space as dimension creates hyper cube 2 with solid origin (3-space as origin of 2-space).
3. Further as that, between the pair of faces (-2, -2), as a synthesis there is value (0).
4. Further as that, between the pair of spatial faces is a 3-space content at zero value.
5. One shall sit comfotably and permit the transcending mind to continuously remain in prologed sitting of trans and to glimpse and imbibe the above format feature and values.

Different role of zero space

1. Different roles of zero space may depicted as under as 5x5 grids depicting 5 distinct role of zero space as dimension fold, boundary fold, domain fold, origin fold and base fold, as one of the fold of five transcendence ranges of zero order, linear order, spatial order, solid order and creative order, as under.

-4	-3	-2	-1	0
-3	-2	-1	0	1
-2	-1	0	1	2
-1	0	1	2	3
0	1	2	3	4

2. One may have pause here and take note that linear order as a linear dimension avails zero space constitutions basis base.
3. It is this feature of basis base constitutions of dimensional order which deserves to be comprehended well for its full appreciation.
4. Likewise, linear format for zero space as base fold also deserves to be comprehended well.
5. One may have a pause here and take note that zero space as basis base constitutions of linear order, and further linear format for zero space base fold are a pair of features which extend five folds transcendence ranges into seven fold unity state.
6. Five folds transcendence range is of fives fold namely dimensional fold, boundary fold, domain fold, origin fold and base fold.
7. Seven fold unity state is of seven folds namely basis base constitutions fold, dimensional fold, boundary fold, domain fold, origin fold, base fold and format of base fold.
8. Let us a pause here and fresh look at following range of values (0, -2, -1, 0, 1, 2, 1).
9. The above range permits its split as (0, -2, -1, 0) and (1, 2, 1).
10. The pair of orientation reach for both part with pair of end points as (0, 0) and (1, 1) will help us have insight about this organization.

ONE WEEK PRELIMINARY INTRODUCTORY COURSE ON SATHAPATYA MEASURING ROD

LESSON 1 GENERAL

1. Vedas are to be approached in terms of Vedas.
2. Athrav Ved is the Ved of earth (meaning of other 3 Vedas namely Rig Ved, Yajur Ved and Sam Ved).
3. Vedic knowledge is pure knowledge as well as applied knowledge.
4. Vedas preserve pure knowledge while Upvedas preserves applied knowledge.
5. Sathapatya Upved is the Upved of Athrav Ved.
6. As such, Vedic Mathematics, science and technologies are to be approached in terms of Sathapatya Upved.
7. Sathapatya Upved has its basic value format as Sathapatya measuring rod.
8. Sathapatya measuring rod is synthetic set up of hyper cubes 1 to 6.
9. Hyper cubes 1 to 6 are the representative regular bodies of 1-space to 6-space respectively.
10. Hyper cube format is a four folds format of dimension fold, boundary fold, domain fold and origin fold.
11. As such the first value of Sathapatya measuring rod to be learnt and to be comprehended as that Sathapatya measuring rod is simultaneously availing linear (1-space) dimension, spatial (2-space) dimension, solid (3-space) dimension, creative (4-space) dimension, transcendental (5-space) dimension and self-referral (6-space) dimension.
12. This may be approached in terms of number value range (1, 2, 3, 4, 5, 6) as (1-space, 2-space, 3-space, 4-space, 5-space, 6-space) in different role starting with the different role of dimensional fold as a single dimension of respective dimensional frame.



LESSON 2
DOMAIN BOUNDARY RATIO
 $A^N:2NB^{N-1}$

1. Boundary fold splits into components, double in number of the dimensions.
2. Sathapatya measuring rod leads to a range of (2, 4, 6, 8, 10, 12) boundary components of hyper cubes 1 to 6.
3. $2n$ boundary components lead to $(2n+1)$ versions of the hyper cube n .
4. These $(2n+1)$ versions of hyper cube n makes a range of $(2n+1)$ bodies of $(2n+1)$ geometries of n -space.
5. This leads us to range of (3, 5, 7, 9, 11, 13) versions of hyper cubes (1, 2, 3, 4, 5, 6) of boundary components (2, 4, 6, 8, 10, 12).
6. Recapitulation
 - (i) Hyper cube (1, 2, 3, 4, 5, 6) are the representative regular bodies of (1, 2, 3, 4, 5, 6 space).
 - (ii) These hyper cube have (2, 4, 6, 8, 10, 12) boundary components.
 - (iii) This leads to (3, 5, 7, 9, 11, 13) versions of hyper cubes 1 to 6. As bodies of (3, 5, 7, 9, 11, 13) geometries of (1, 2, 3, 4, 5, 6 space).



LESSON 3
FIXATION OF BOUNDARY COMPONENTS WITHIN DIMENSIONAL
FRAMES

1. Domain boundary ratio of hyper cube 1 is
 $A^1:2b^0$
2. This leads to 1 into 2 = 2 coordinates fixation for 2 boundary components within dimensional frame of one dimension of 1-space.
3. Domain boundary ratio of hyper cube 2 is
 $A^2:4b^1$
4. This leads to 2 into 4 = 8 coordinates fixation for 4 boundary components within dimensional frame of two dimension of 2-space.
5. Domain boundary ratio of hyper cube 3 is
 $A^3:6b^2$
6. This leads to 3 into 6 = 18 coordinates fixation for 6 boundary components within dimensional frame of three dimension of 3-space.
7. Domain boundary ratio of hyper cube 1 is
 $A^4:8b^3$
8. This leads to 4 into 8 = 32 coordinates fixation for 8 boundary components within dimensional frame of four dimension of 4-space.
9. Domain boundary ratio of hyper cube 1 is
 $A^5:10b^4$

10. This leads to $5 \text{ into } 10 = 50$ coordinates fixation for 10 boundary components within dimensional frame of five dimension of 5-space.
11. Domain boundary ratio of hyper cube 1 is
$$A^6:12b^5$$
12. This leads to $6 \text{ into } 12 = 72$ coordinates fixation for 12 boundary components within dimensional frame of six dimension of 6-space.
13. Recapitulation:
 - (i) Boundary components of hyper cubes (1, 2, 3, 4, 5, 6) make a range of values (2, 4, 6, 8, 10, 12).
 - (ii) Dimensional frames of hyper cubes 1 to 6 are of numbers of dimensions (1, 2, 3, 4, 5, 6) respectively.
 - (iii) Fixation coordinates of boundary components of hyper cube s 1 to 6 are (1x2, 2x4, 3x6, 4x8, 5x10, 6x12).



LESSON 4
FOUR FOLD MANIFESTATION LAYERS OF HYPER CUBES 1 TO 6

1. Hyper cube is four fold manifestation layers.
2. Four folds are (dimension fold, boundary fold, domain fold, origin fold).
3. Hyper cube 3 is a four folds manifestation layers (1, 2, 3, 4)/ 1-space as dimension, 2-space as boundary, 3-space as domain, 4-space origin.
4. Summation value $(1+2+3+4) = 10$ is the summation value of four folds of hyper cube 3.
5. General expression for four folds of hyper cube n is $(n-2, n-1, n, n+1)$ / (n-2) space as dimension, (n-1) space as boundary, n space as domain and (n+1) space as origin.
6. Summation value $(n-2)+(n-1)+n+(n+1) = 4n - 2$ is the summation value of four fold of hyper cube n.
7. For $N = (1, 2, 3, 4, 5, 6)$ we can respectively reach at the four folds manifestation layers and their summation values for hyper cubes (1, 2, 3, 4, 5, 6) recapitulation.
 - (i) (2, 6, 10, 14, 18, 22) are the summation values of four folds manifestation layers of hyper cubes 1 to 6.

■

LESSON 5
SRIMAD BAGWAT GEETA

Study zone

Periodic table

120 years cycle

■

LESSON 6
TO GLIMPSE, COMPREHEND AND TO IMBIBE THE VALUES OF REAL 4, 5
AND 6-SPACE

■

TWO WEEKS BASIC VALUE COURSE ON SATHAPATYA MEASURING ROD

CONTENTS

1. **About this course**
2. **First value**
Sathapatya measuring rod is a synthetic set up of hyper cubes 1 to 6
3. **Second value**
Sathapatya measuring rod takes up till orb of the sun from where Brahman carrier takes over
4. **Third value**
Permissibility of transcendence through manifested creations and transition from transcendental carriers to Brahman carriers
5. **Fourth value**
Existence phenomenon of manifestation and dissolution of dimensional spaces within creator's space
6. **Fifth value**
Providing format for the domain split spectrum
7. **Sixth value**
Format for the synthesis of transcendental ranges to transits and transforms as self-referral ranges
8. **Seventh value**
Synthesis of dimensions of positive number of positive dimensional orders
9. **Eighth value**
Synthesis of positive number of dimension of negative dimensional orders
10. **Ninth value**
Synthesis of negative number of dimensions of positive dimensional orders
11. **Tenth value**
Synthesis of negative number of dimensions of negative dimensional orders
12. **Eleventh value**
Pairing of synthesis values of pair of transcendence ranges of positive and negative dimensional orders
13. **Twelfth value**
Reflection pairing of double digit numbers

TWO WEEKS BASIC VALUE COURSE ON SATHAPATYA MEASURING ROD

1

ABOUT THIS COURSE

1. This course is about basic values of Sathapatya measuring rod.
2. Twelve basic values are been taken up for their comprehension during this two week course.
3. First value is that Sathapatya measuring rod is a synthetic set up of hyper cubes 1 to 6 for chase of 6-space domain.
4. Second value of this measuring rod is that it takes up till orb of the sun from where Brahman carrier takes over.
5. Third value of this measuring rod is of permissibility of transcendence through manifested creations and transition from transcendental carriers to Brahman carriers.
6. Fourth feature of this measuring rod is the existence phenomenon of manifestation and dissolution of dimensional spaces within creator's space.
7. Fifth feature of this measuring rod is of providing format for the domain split spectrum.
8. Further, as fifth basic feature it becomes a set up of sequential dimensional synthesis of sequential numbers of same order.
9. Still further as sixth feature it becomes a format for the synthesis of transcendental ranges to transits and transforms as self-referral ranges.
10. The above six feature as such constitute first section of the course of first week duration.
11. Section one as such is about general values.
12. Second section takes us six specific values. These 6 values are :
 - (i) Synthesis of dimensions of positive number of positive dimensional orders.
 - (ii) Synthesis of positive number of dimension of negative dimensional orders.
 - (iii) Synthesis of negative number of dimensions of positive dimensional orders.
 - (iv) Synthesis of negative number of dimensions of negative dimensional orders.
 - (v) Pairing of synthesis values of pair of transcendence ranges of positive and negative dimensional orders.
 - (vi) Reflection pairing of double digit numbers.
13. This course of two weeks of 12 lessons, as such is about the manifestation of hyper cubes and their synthetic set ups.
14. Further this course is about the transcendence through the manifested format of hyper cube and synthetic set ups of hyper cubes.
15. Still further, this course is about the synthesis of dimension of same order and transcendental carriers carrying the transcendental domains.
16. Still further, this course is about transition and transformation of the transcendental carriers, their reach and their take over by the Brahman carriers.
17. As such, it is about the reach from base fold (5 fold) to its format (6 fold).
18. As a result it be taken that is the basic value course, as a preparation for chase of existence phenomenon within our solar universe.



2

FIRST VALUE

**SATHAPATYA MEASURING ROD IS A SYNTHETIC SET UP OF HYPER
CUBES 1 TO 6**

3

Second value

Sathapatya measuring rod takes up till orb of the sun from where Brahman carrier takes over

Third value

Permissibility of transcendence through manifested creations and transition from
transcendental carriers to Brahman carriers

Fourth value

Existence phenomenon of manifestation and dissolution of dimensional spaces within creator's space

6

Fifth value

Providing format for the domain split spectrum

7

Sixth value

Format for the synthesis of transcendental ranges to transits and transforms as self-referral
ranges

8

Seventh value

Synthesis of dimensions of positive number of positive dimensional orders

9

Eighth value

Synthesis of positive number of dimension of negative dimensional orders

10

Ninth value

Synthesis of negative number of dimensions of positive dimensional orders

11

Tenth value

Synthesis of negative number of dimensions of negative dimensional orders

12

Eleventh value

Pairing of synthesis values of pair of transcendence ranges of positive and negative dimensional orders

13

Twelfth value

Reflection pairing of double digit numbers

NCERT SYLLABUS

CLASS IX SYLLABUS

1. Number Systems (class ix)
2. Polynomials (class ix)
3. Coordinate Geometry (class ix)
4. Linear Equations in Two Variables (class ix)
5. Introduction to Euclid's Geometry (class ix)
6. Lines and Angles (class ix)
7. Triangles (class ix)
8. Quadrilaterals (class ix)
9. Areas of Parallelograms and Triangles (class ix)
10. Circles (class ix)
11. Constructions (class ix)
12. Heron's Formula (class ix)
13. Surface Areas and Volumes (class ix)
14. Statistics (class ix)
15. Probability (class ix)

Appendix – 1 Proofs in Mathematics

Appendix – 2 Introduction to Mathematical Modelling

CLASS X SYLLABUS

1. Real Numbers (class x)
2. Polynomials (class x)
3. Pair of Linear Equations in Two Variables (class x)
4. Quadratic Equations (class x)
5. Arithmetic Progressions (class x)
6. Triangles (class x)
7. Coordinate Geometry (class x)
8. Introduction to Trigonometry (class x)
9. Some Applications of Trigonometry (class x)
10. Circles (class x)
11. Constructions (class x)
12. Areas Related to Circles (class x)
13. Surface Areas and Volumes (class x)
14. Statistics (class x)
15. Probability (class x)

Appendix A1: Proofs in Mathematics

Appendix A2: Mathematical Modelling

CLASS XI SYLLABUS

1. Sets (class xi)
2. Relations and Functions (class xi)
3. Trigonometric Functions (class xi)
4. Principle of Mathematical Induction (class xi)
5. Complex Number and Quadratic Equations (class xi)
6. Linear Inequalities (class xi)
7. Permutations, and Combinations (class xi)
8. Binomial Theorem (class xi)
9. Sequences and Series (class xi)
10. Straight Lines (class xi)
11. Conic Sections (class xi)
12. Introduction to Three Dimensional Geometry (class xi)
13. Limits and Derivatives (class xi)
14. Mathematical Reasoning (class xi)
15. Statistics (class xi)
16. Probability (class xi)

Appendix I: Infinite Series

Appendix 2: Mathematical Modelling

CLASS XII (PART-1) SYLLABUS

1. Relations and Functions (class xii)
2. Inverse Trigonometric Functions (class xii)
3. Matrices (class xii)
4. Determinants (class xii)
5. Continuity and Differentiability (class xii)
6. Application of Derivatives (class xii)

Appendix 1: Proofs in Mathematics

Appendix 2: Mathematical modeling

CLASS XII (PART-2) SYLLABUS

7. Integrals (class xii)
8. Applications of Integrals (class xii)
9. Differential Equations (class xii)
10. Vector Algebra (class xii)
11. Three Dimensional Geometry (class xii)
12. Linear Programming (class xii)
13. Probability (class xii)

MATHEMATICAL TOPICS:-

GROUP ONE LOGIC:-

1. Mathematical reasoning
2. Manifestation modeling
3. Linear programming
4. Proofs

GROUP TWO DATA INFERENCE:-

1. Statistics
2. Probability

GROUP THREE CALCULUS:-

1. Differential calculus
2. Integral calculus
3. Differential equations

GROUP FOUR NUMBER SYSTEM:-

1. Counting numbers
2. Integrals
3. Rational
4. Real numbers
5. Complex numbers

GROUP FIVE POLYNOMIAL AND EQUATION:-

1. Polynomials
2. Linear equations
3. Quadratic equations
4. Cube and cubes roots

GROUP SIX GEOMETRY:-

1. Coordinate geometry
2. Solid geometry
3. Construction
4. Length, area, volume

GROUP SEVEN EUCLIDE GEOMETRY:-

1. Triangles
2. Quadrilaterals
3. Circles, sphere

GROUP EIGHT SET THEORY:-

1. Sets
2. Functions

GROUP NINE TRIGONOMETRY:-

1. Trigonometric functions

GROUP TEN MATHEMATICAL TOOLS:-

1. Mathematics induction
2. Binomial theorem
3. Matrix
4. Determinants
5. vectors

POINT BODY OF DIMENSIONAL SPACES

1

CONCEPTUAL TERMS

1. Dimensional space.
2. Dimensional body.
3. Point dimensional body.
4. Point of a body.
5. Point as zero space body.
6. Universal space has space of all dimensional spaces.
7. Structured point.
8. Point filled with structure.
9. Point devoid of structures.
10. Point as zero value.
11. Point as 1 value.
12. Point as n^0 .
13. Point as $0+0$.
14. Point as $1+1$.
15. Point of n-space has $n \times a^0$.
16. N-space domain has n points.
17. N-space domain as n points range as dimensions.
18. Single dimension as n points.
19. Pair of dimensions as n^2 of as 2-space domain format.
20. Square as area of square + four boundary lines and four points make a set up of $(n+2)^2$.
21. 2-space as a spatial dimensions of 4-space.
22. Whole range of dimensional spaces bodies manifest within 4-space availing format of 2-space as dimensions of 4-space.
23. Manifestation permits transcendence at origin.
24. Transition and transformation from manifested format to transcendence range amounts to dissolution of manifestation with a reach at the base.
25. Transcendence of domain through origin for reach at base is along single dimension format.
26. This single dimension format for transcendence is a flow path of domain as point bodies set makes transcendental carriers carrying domain.
27. Transcendental carriers carry domain from base for onwards reach uptill format of the base.
28. Format of the base is the 6th fold, with base as the 5th fold, origin as the 4th fold and domain as the 3rd fold.
29. So formatted reach for the domain as point body makes a unity state, the 7th state.
30. It is this unity state which is sustained by the nature as the eight fold.
31. Nature is itself fountain by the Nav Braham, in the 9th fold.

32. 9th Nav Braham of its own becomes par Braham, Ultimate, source reservoir of the entire existence phenomenon.

2

TEN STEPS LONG CHASE REACH

1. The ten steps long chase of existence phenomenon manifests as creative boundary (4-space as boundary) of transcendental domain (5-space as domain).
2. 5-space domain, as such is of 11 versions (11 Rudras).
3. This, that way amounts to transition and transformation for 10 steps long range into 11 steps long range.
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
5. This 11 steps long range at 11 steps shall be of the format of 5-space domain free of its all the 10 creative boundary components.
6. With 6-space as origin of 5-space make the existence phenomenon of 5-space domain transition and transformation from its role as a domain fold into the role of boundary of self-referral domain (6-space) of 12 components.
7. Transcendental boundary (5-space as boundary of self-referral domain (6-space) of 12 components manifests as Dwadash Adityas (12 suns).
8. From the transcendental boundary of 12 components, there is takes off of seven transcendental components of the base format 5x5 value of 5 transcendental boundary components.
9. 7 transcendental boundary components take off dimensionalising outer space as 7 dimensional spaces within a dimensional frame of 7 transcendental dimensions.
10. It is this reach which deserves to be comprehended well and to be fully imbibed.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

3

7-SPACE

1. 7-space is a unity state.
2. It creates unity state for the format fold (6th fold).
3. 7-space is 7 dimensional spaces.
4. Hyper cube 7 is the representative regular body of 7-space.
5. Hyper cube 7 is a four folds manifestation layers (5, 6, 7, 8) within creator's space (4-space).

6. 5-space plays the role of dimensions.
7. 7 transcendental dimensions constitutes the dimensional frame of 7-space.
8. 6-space plays the role of boundary of 7-space.
9. Self-referral boundary (6-space boundary) of unity state the 7-space domain is of 14 components.
10. These 14 components permit re-organization as $14 = 6+8$.
11. With it, there happen to be take off of 8 self-referral boundary components and their happen to be dimensionalization of outer space as 8 dimensional space.
12. 7-space plays the role of domain fold accepting 8-space as origin fold, 9-space as base fold, 10-space as format fold, 11-space as unity state and 12-space as natural sustain-ness.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

7-SPACE FORMAT FOR POLE STAR

1. 7-space format is the format of unity state for our solar universe (6-space universe) with 7-space origin (pole star as origin) of solar universe.
2. Hyper cube 7 is the representative regular body of 7-space.
3. 7-space as domain fold of hyper cube 7 is the manifested 7-space content lump.
4. 7-space content is 'black matter'.
5. 6-space content is 'light matter'.
6. Black matter lumps grannuals/articles/point domain/ point body of 7-space are of transcendental dimensional order (5-space) in the role of dimension.
7. To approach form 6-space to 7-space, one way is to approach from 6-space domain to 7-space origin.
8. The other way is to approach parallel to take off of transcendental boundary (5-space as boundary) from self-referral domain (6-space domain).
9. 7-space as different roles of which 7 prominent roles as dimensional fold, boundary fold, domain fold, origin fold, base fold, format fold and unity state.

10. These 7 roles of 7-space permits depiction along the 7x7 format availing values range

1	to	13	parallel	to	range	of	1-space	to	13-space.
1	2	3	4	5	6	7			
2	3	4	5	6	7	8			
3	4	5	6	7	8	9			
4	5	6	7	8	9	10			
5	6	7	8	9	10	11			
6	7	8	9	10	11	12			
7	8	9	10	11	12	13			

11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5

GEOMETRIES RANGE ($2N+1$, $N = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9$)

1. Geometric range from 0-space to 9-space is (1, 3, 5, 7, 9, 11, 13, 15, 17, 19).
2. These value sequentially lead to squares values [(1=1), (1+3 = 2²), (1+3+5 = 3²), ... (1+3+5+7+9+11+13+15+17+19 = 19²)].
3. 19² = 361.
4. One may have a pause here and take note that 1=1, 3 = 1+2 and 6 = (1+2+3).
5. Further as that value triple (1, 2, 3) accepts 6 values triple formulation (136, 163, 361, 316, 631, 613).
6. One may have a pause here and take note that sequential reach of triple step may be of sequential value reach:
 - (i) (1, 1, 1)
 - (ii) (1, 2, 3)
 - (iii) (1, 3, 6)
7. In respect of spatial measure, reach would be of following 2 steps only:
 - (i) (2, 2, 2)
 - (ii) (2, 4, 6)
8. The (2n+1)th geometry of n-space accepts 2n+1)th version of hyper cube 1 is representative regular body.
9. As (2n+1)th version of hyper cube 1 is free of its boundary, and as such domain fold transition and transform its role from domain fold to boundary fold, and at the boundary with its take off the outer space gets dimensionalised as (n+1) space).
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

MATHEMATICS AS A SPEAKING LANGUAGE

1

VEDIC SYSTEMS SUCCESS

1. Success of Vedic system can be index parallel to the success of mathematics being made a 'speaking language'.
2. Sound frequencies transition and transformation into light frequencies is one feature which makes mathematics is a speaking language of index of very rich spectrum.
3. The potentialities of light frequencies having superimposition upon black matter and making black matter as a format for manifestation, is one value whose comprehension further bring us face to face with the richness of mathematics as a speaking language worked out by Vedic system.
4. The parallel formatting of light frequencies and consciousness impulses and further the transcendence of intelligence bits along consciousness states, brings us more intermently, face to face with the speaking language being the ultimate mathematics language.
5. Form frequencies to geometric format to numbers values are the different phase and stages of mathematics virtues.

2

LETTERS, FORMATS AND VALUES

1. To have insight about mathematics as speaking language, one may glimpse the parallel flow of Nadh (sound) through letters, space contents through dimensional formats and numbers values through artifices of numbers.
2. It shall be bringing one face to face with the letter of package of sound frequencies.
3. Letter has of a specific script form.
4. Letter has a definite geometric format.
5. Letter has a specific number value.
6. These, and other connected feature of coordination of sounds, space contents and numbers values, will help have proper insight and appropriate enlightenment about mathematics as speaking language.

3

DEVNAGRI ALPHABET

1. Devnagri alphabet is a mathematical settle format.
2. Each letter of this alphabet as well is a properly tailored mathematical value.

3. The placement of each letter is as per the designed organization of the alphabet format.
4. Every pair of letter placements are mathematical relationship as per the placements of the letters.
5. This relationship of a pair of letters is further enriched by the interrelationship of values and formats of respective letters.
6. As such one shall sit comfortably and permit the transcending mind to glimpse and imbibe the organization format features of Devnagri alphabet.

4

TRANSCENDENTAL CODE VALUES

1. Devnagri alphabet letters accepts association of transcendental code values of reach 1 to 16.
2. 9 vowels accept association of numbers values 1 to 9 in their sequence and order.
3. Vargas consonants 5x5 as 5 rows and 5 columns set up, accepts association of numbers values as under:

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

4. Four Anthsatha letters accepts association of quadruples values (1, 3, 5, 7), in that sequence and order.
5. Four Ushmana letters accepts association of quadruples values (2, 3, 6, 9), in that sequence and order.
6. 8 Yama letters accepts association of values (9, 10, 11, 12, 13, 14, 15, 16), in that sequence and order.
7. The word formulation availing Devnagri alphabet letter acquire transcendental code value as summation of transcendental code value of individual letters availed by the word formulation.

5

SATHAPATYA MEASURING ROD FORMAT

1. The basic format for organizations of values is the format of Sathapatya measuring rod.
2. Sathapatya measuring rod is the synthetic set up of hyper cubes 1 to 6.
3. Hyper cube is a four folds manifestation layers.
4. These four folds are dimensional fold, boundary fold, domain fold and origin fold.
5. These four folds are the distinct role of four consecutive dimensional space.
6. Each dimensional space plays different roles in different manifestation layers.
7. These roles are play by the space content as space content lump manifesting as domain fold.
8. As such, domain fold plays the role of dimensional fold.
9. Domain fold also plays the role of boundary fold.
10. Still further domain fold plays the role as a domain fold and domain fold plays the role of origin fold.
11. Illustratively one space domain plays the role of linear dimensional fold of hyper cube 3.
12. It would be a blissful exercise to chase all the 24 folds of hyper cubes 1 to 6 synthesizing by Sathapatya measuring rod.
13. This set up shall be leading to quadruple flow stream, firstly as of dimensional orders, secondly as of boundary folds, thirdly as of domain and finally as of origin fold.

6

LORD BRAHMA IS PRESIDING DEITY OF MEASURING OF SATHAPATYA MEASURING ROD

1. Lord Brahma, four head Lord, over Lord of Creator's space (4-space) is the presiding deity of measure of the Sathapatya measuring rod.
2. Lord Vishnu, the over lord of 6-space, is the presiding deity of Sathapatya measuring rod, while Lord Brahma, over lord of 4-space is the presiding deity of over lord is the measure of the Sathapatya measuring rod.
3. One may have a pause here and permit the transcending mind to glimpse parallel roles of lord Vishnu and Lord Brahma in respect of Sathapatya measuring rod.
4. One shall further glimpse and imbibe parallel roles of 6-space and 4-space respectively and reference to Sathapatya measuring rod.
5. A step ahead, one shall have a fresh look at (domain, dimension) format parallel to values pairs (n, n-2).
6. It is this feature of dimension has measure for the respective domain which deserves to be comprehended well for its through appreciation to acquire proper insight and appropriate enlightenment .about the measure of the domain.

PURSHA AND BRAHAM

1

PURSHA-BRAHAM RELATIONSHIP

1. Pursha-Braham relationship comprehension is the first enlightenment step.
2. For it, one may begin for this comprehension, while revisiting the formulation Pursha and Braham.
3. Both these formulations avail six letters each.
4. Pursha formulation is a composition of 3 syllables of 2 letters each.
5. Braham formulation is a composition of 2 syllables of 3 letters each.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
7. It would be a blissful to take note that $6 = (2+2+2) = 3+3$.
8. Further as that, 6 is a perfect number it is parallel to Surya Ank (number of sun).
9. Further as that, sun is a 6-space set up.
10. Still further as that, Lord Vishnu is the over lord of 6-space.
11. Still further as that, Lord Vishnu as its incarnation in Trata Yuga, as well as in Dwapur Yuga.
12. Quadruples values (1, 2, 3, 4) are inter related with value 6 as $6 = 1 \times 6 = 2 \times 3 = 3 \times 2 = 4 \times 3/2$.
13. Number values quadruples (1, 2, 3, 4) is parallel to four folds manifestation layers (1, 2, 3, 4) of hyper cube 3, the representative regular body of 3-space.
14. Still further as that, 3-space in the role of dimension lead to 6-space as origin fold.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

2

TCV VALUES OF FORMULATIONS PURSHA AND BRAHAM

1. TCV value of formulation Pursha is the summation value of TCV values of 6 letters avail by formulation Pursha.
2. TCV values of 6 letters availed by formulation Pursha is the range of values (5, 3, 3, 6, 6, 1) leading to summation value 24.
3. TCV values range of 6 letters of formulation Braham is the range of value (7, 1, 1, 9, 9, 1) leading to summation value 28.

3

LETTER WISE PAIRING CHASE FOR FORMULATION PURSHA AND BRAHAM

1. Letter wise TCV values pairing tabulation comes to be as under:

formulation	Ist letter	IIInd letter	IIIrd letter	IV letter	V letter	VI letter
Pursha	5	3	3	6	6	1
Braham	7	1	1	9	9	1
pairing	(5,7)	(3,1)	(3,1)	(6,9)	(6,9)	(1,1)

2. The values range accepts coordination as per following feature:
 - (i) $5 = (3, 3)$, a domain split into a pair of dimensional entities.
 - (ii) $(3+3) = 6$, a measured steps within a domain (3-space), as a pair of steps of value 3 each.
 - (iii) $(6, 1)$ coordination of value 6 as 1 along the transcendental measuring rod of 5 steps, and the next 6th steps being the 1st steps of the repeated application of the transcendental measuring rod of 5 steps.
3. Paired value (5, 7) is parallel to dimension, domain format.
4. Paired value (3, 1) is parallel to domain, dimension format.
5. Paired value (3, 1) is parallel to domain, dimension format.
6. Paired value (6, 9) is parallel to dimension, origin format.
7. Paired value (6, 9) is parallel to dimension, origin format.
8. Paired value (1, 1) is parallel to parallel flow format.

4

LETTER WISE FORMAT

1. First letter of formulation Pursha is the first letter of the 5th row of Varga consonant and it accepts format of transcendental dimensional order (5-space) in the role of dimension.
2. First letter of the formulation Braham is the 3rd letter of the 5th row of Varga consonant and it accepts format of 7-space domain.
3. One may have pause here and take note that 1st letter of Pursha formulation and 1st letter of Braham formulation with their pair of format (5-space as dimensions, 7-space as domain) is of (dimension, domain format).
4. One may have a pause here and take note that Pursha formulation is of value and format of transcendental dimensional order while formulation Braham is of unity state domain.
5. It is this relationship which deserves to be comprehended well and to be fully imbibed.

5

TRANSCENDENTAL ORDER AND UNITY STATE DOMAIN

1. To have proper appreciation of formulation Pursha one shall properly glimpse and imbibe the values of transcendental dimensional order.
2. To properly appreciate the formulation Braham, one shall properly appreciate and imbibe the value of unity state (7-space) domain.
3. With distinct appreciation and imbibing of transcendental dimensional order at unity state domain one shall be appreciating and imbibing the relationship of Pursha and Braham.

6

VALUES TRIPLE (24, 26, 28)

1. The values triple (24, 26 and 28) is parallel to transcendental code value triple of triple formulations (Pursha, Devta, Braham).
2. One may have pause here and take note that values triple (24, 26, 28) is parallel to value 26 being of dimension of domain of value 28, while value 24 is parallel to value 24 of dimension of dimension of domain of value 28.
3. Quadruple (22, 24, 26, 28) on chase of values quadruple (22, 24, 26, 28) one shall be coming face to face with the following format and feature:
 - (i) Value 22 is of dimensions of domain of value 24.
 - (ii) Value 24 is of dimensions of domain of value 26.
 - (iii) Value 26 is of dimensions of domain of value 28.

7

NUMBER VALUE 22

1. Number value 22 permits re-organization as $(4+5+6+7)$ which is parallel to four fold manifestation layers (4, 5, 6, 7) of hyper cube 6, the representative regular body of 6-space.

8

NUMBER VALUE 24

1. Value 24 is parallel to $24 = 4 \times 6$ as the dimensional value of creative (4-space) dimensional frame of 6 dimensions of 6-space.

9

NUMBER VALUE 26

1. Number value 26 permits re-organization as $26 = (5+6+7+8)$, which is parallel to four folds manifestation layers (5, 6, 7, 8) of hyper cube 7 with self-referral boundary (6-space as boundary of 7-space)

10

NUMBER VALUE 28

1. Number value 28 is the second perfect number.
2. Number value 28 has five proper divisors.
3. Biggest prime proper divisor of 28 is 7.
4. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

CONTENT RANGES

1

GENERAL

1. Space content leads to dimensional spaces contents range.
2. Space(akash) is the 5th element.
3. Space as 5th element is of middle placement of 9 step long range: (Prithvi, Aapa, Agni Vayu, Akash, Mana, Atma, Kal, Disha).
4. This is 9 contents range.
5. Of it space content is of middle placement of this range.
6. Space content manifests as range of dimensional spaces contents.
7. The other half of above range is quadruple content is (Kal, Disha, Atma, Mana).

2

FORMULATIONS KAL, DISHA, ATMA, MANA

1. Quadruple formulation (Kal, Disha, Atma, Mana) accepts transcendental code value:
 - (1) $1+2+5+1 = 9$ as TCV (Kal).
 - (2) $6+2+2+2 = 12$ as TCV (Disha).
 - (3) $2+4+9+2 = 17$ as TCV (Atma).
 - (4) $9+1+8+1 = 19$ as TCV (Mana).

3

QUADRUPLES VALUES (9, 12, 17, 19)

1. The quadruples values (9, 12, 17, 19) is a sequential range of gaps values range (3, 5, 2).
2. As a cyclic order (9, 12, 17, 19, 9) the gaps values would be (3, 5, 2, 10).
3. The quadruples values (9, 12, 17, 19) accepts re-organization as (2x4+1), (2x6), (2x8+1), (2x9).
4. This, as such takes us to quadruples values (4, 6, 8, 9).
5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

QUADRUPLES VALUES (4, 6, 8, 9)

1. The quadruples values (4, 6, 8, 9) as first triple value (4, 6, 8) is sequential organization of (4-space, 6-space, 8-space) as a reach up till its 8-space domain, 6-space dimensions, 4-space as dimension of dimension.
2. The pairing of value (8, 9) and parallel to it the organization (8-space and 9-space) and further as organization of (2^3 , 3^2) bring us face to face with the reach from 8-space domain to 9-space origin.
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

5

TRILOKI, TRIMURTI AND NAV BRAHAM

1. The range of values (0, 1, 2, 3, 4, 5, 6, 7, 8, 9) accepts 3 fold organization as (0, 1, 2, 3), (3, 4, 5, 6) and (6, 7, 8, 9).
2. One may have a pause here and take note that the quadruples values (0, 1, 2, 3) is parallel to four folds manifestation layers (0, 1, 2, 3) of hyper cube 2.
3. Further quadruples values (3, 4, 5, 6) is parallel to four folds manifestation layers (3, 4, 5, 6) of hyper cube 5.
4. Still further that, the quadruples values (6, 7, 8, 9) is parallel to four folds manifestation layers (6, 7, 8, 9) of hyper cube 8.
5. This brings us face to face with (hyper cube 2, hyper cube 5, hyper cube 8) as a sequential progression steps of the format of reach for values range (0, 1, 2, 3, 4, 5, 6, 7, 8, 9).

6

HYPER CUBE 2, HYPER CUBE 5, HYPER CUBE 8

1. Hyper cubes (2, 5, 8) are representative regular bodies of 2, 5 and 8 spaces respectively.
2. Spatial surface, transcendental domain and natural reservoir are the 3 sequential steps which need be taken for comprehension and imbibing the values of existence phenomenon of natural reservoir values.
3. 2-space accepts 5 geometric range and parallel to it, there are 5 versions of hyper cube 2.

4. The 5th version of hyper cube 2 (square) is free of its boundary.
5. It leads to realize 3-space origin.
6. 3-space as dimension structure 5-space.
7. 5-space has dimension leads up till 8-space origin.
8. It would be a blissful to take note that it is this reach which is making the basis base of Ganita Sutras and upsutras.
9. Ganita Sutra and upsutra accepts 'Varga (square) as a formulation of its text.
10. Numbers values (3, 4, 5, 6 and 8) as such are not made part of text of Ganita Sutras and upsutras.
11. Hyper cube 5 as four folds manifestation layers and 8-space as origin are attainable by the Ganita Sutras systems and with it follows complete coverage of existence phenomenon of natural source reservoir values of our solar universe.

GLIMPSING VALUES OF EXISTENCE PHENOMENON

1

EXISTENCE PHENOMENON

1. Two broad views of Existence Phenomenon are has of Solar Universe and as of existence within Human Frame.
2. The parity and dis-parity of values of this pair of phenomenon deserves to be glimpsed and to be imbibed.
3. Solar universe brings us face to face with Surya as the values embodiment of solar universe.
4. Likewise the existence phenomenon within human frame brings us face to face with Atma as values embodiment of the existence phenomenon within human frame.

2

SURYA AS ATMA OF JAGAT

1. Scriptures preserve the enlightenment as that Surya is the Atma of the Jagat.
2. Scripture further preserve the enlightenment as that six is the Surya Ank.
3. Still further, scripture preserve the enlightenment as that Human Frame is sustained as Shad Chakras format.
4. These features of existence phenomenon of our solar universe, and of existence phenomenon within human frame make them of parallel values of real 6-space.

3

HYPER CUBE 6 FORMAT

1. Reality of 6-space brings us face to face with format of hyper cube 6, the representative regular body of 6-space.
2. 6-space plays 6 prominent roles, as of dimension fold, boundary fold, domain fold, origin fold, base fold and format of base fold.
3. These 6 prominent roles permit expression along 6x6 formats of 6 self-referral ranges getting organized as 6 rows and 6 columns of 6x6 grid as follows:

1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8
4	5	6	7	8	9
5	6	7	8	9	10
6	7	8	9	10	11

4. This organization avails 11 step long range of value (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11) parallel to 11 versions of hyper cube 5, which further is parallel to range of 11 geometries of 5-space.

4

VALUES PAIR (11, 13)

1. Values pair (11, 13) is of format parallel to format of dimension, domain.
2. Value 11 is parallel to 11 versions of hyper cube 5, which is further parallel to 11 geometries range of 5-space.
3. Value 13 is parallel to 13 versions of hyper cube 6, which is further parallel to 13 geometries range of 6-space.
4. This pair of value (11, 13) as such brings us face to face with version of hyper cube 5 and hyper cube 6.
5. Further this values pair also brings us face to face with the geometries range of 5-space and 6-space.

5

GRID 11x13

1. Grid 11x13 accommodates all 143 double digit numbers of 12 place value systems.
2. It would be a blissful to tabulate all 143 double digit numbers of 12 place value system availing numeral range (1, 2, 3, 4, 5, 6, 7, 8, 9, j, k, 0):

01	02	03	04	05	06	07	08	09	0j	0k
10	11	12	13	14	15	16	17	18	19	1j
1k	20	21	22	23	24	25	26	27	28	29
2j	2k	30	31	32	33	34	35	36	37	38
39	3j	3k	40	41	42	43	44	45	46	47
48	49	4j	4k	50	51	52	53	54	55	56
57	58	59	5j	5k	60	61	62	63	64	65
66	67	68	69	6j	6k	70	71	72	73	74
75	76	77	78	79	7j	7k	80	81	82	83
84	85	86	87	88	89	8j	8k	90	91	92
93	94	95	96	97	98	99	9j	9k	j0	j1
j2	j3	j4	j5	j6	j7	j8	j9	Jj	jk	k0
k1	k2	k3	k4	k5	k6	k7	k8	k9	kj	kk

6

12 PLACE VALUE SYSTEMS

1. Self-referral domain (6-space domain) has transcendental boundary (5-space boundary) of 12 components.
2. This transcendental boundary manifests 12 place value system formats.
3. It is designated as transcendental format of 12 place value system.
4. 12 components of transcendental boundary are the Dwadash (twelve) Adityas (suns).

7

VALUE EQUATION

$$(24 = 11+13)$$

1. The value equation $(24 = 11+13)$ brings us face to face with formulation 'pursha = pur + usha'.
2. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

8

FORMULATION PURSHA

1. Formulation Pursha accepts transcendental code value '24'.
2. Value 24 is parallel to the dimensional value of 6 creative dimensions (4-space as dimension) of 6-space.

9

PURSHA AND MAYA

1. Formulation Pursha accepts transcendental code value '24'.
2. Formulation Maya accepts transcendental code value '12'.
3. Sun as 6-space embodiment of 2-space has its dimension of dimension leads to dimensional value linear equivalence as $(2 \times 4 \times 6) = 48$.
4. Further creator's space (4-space) being a spatial order space, as such it avails a pair of units ('2 as 1' and '1 as 2') leading to $(\frac{1}{2})$ as working unit.
5. It would be a blissful to take note that $(6 \times 2 = 12)$, $(12 \times 2 = 24)$ and $(24 \times 2 = 48)$.
6. Further at that $(6 = 2 \times 3)$ and $(48 = 3 \times 16)$.
7. It would further be a blissful to take note that TCV (Ek) = 8.
8. TCV (Triya) = 8

9. TCV (Dwayo) = 16

10

SURYA SIDDHANTHA

1. Pursha imported enlightenment of Surya to Maya and knowledge of Surya Siddhantha is with us.

11

DYNAMIC STATE 6-SPACE DOMAIN

1. Dynamic state 6-space domain is a feature that translates from a given position along natural format to another position in the natural format.
2. Natural format is a 8-space format of 8-space domain.
3. Pair of 6-space domain in dimensional role synthesis value $(6, 6) = 8$.
4. These features has a pair of dimensions of self-referral order (6-space as dimensions), their synthesis value being 8 parallel to 8-space domain, and the pair of 6-space domains at different placement remaining coordinated along 8-space domain, as these are, deserves to be glimpsed and imbibed fully.

12

SURYA AND 6TH CHAKRA

1. The coordination of sixth chakra of human frame and Surya is the organization feature of natural order which deserve to be comprehended well.
2. With glimpsing and imbibing of natural order feature and value one shall be attaining enlightenment of the existence phenomenon itself.
3. Vidhi Vidhan of Asht Prakariti is sustained by nav Braham.
4. Nav Braham is origin is attained by self-referral order (6-space dimension).
5. This attainment is parallel to the attainment value of four folds manifestation layers (6, 7, 8, 9) of hyper cube 8, the representative regular body of 8-space (Asht Prakariti).
6. One may have a pause here and take note that 9-space has origin of 8-space attains vertical pairing as a reflection pair for the values set up of $8 = 2^3$ and $9 = 3^2$.
7. With it, the reach from 6-space as dimensions up till 9-space origin results into reversal of values flow from 9-space as origin through 6-space as dimension.
8. With it, the organization (6, 7, 8, 9) gets re-organized as (7, 8, 6, 9) and the origin gets sealed with flow of values through dimension.
9. The resultant set up (7, 8, 6) gets phased as 6-space creating a space enveloped within 7-space.
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

13

PAIR OF PERFECT NUMBERS (6, 28)

1. Perfect number 6 has three proper divisors (1, 2, 3).
2. Perfect number 28 has 5 proper divisors (1, 2, 4, 7, 14).

3. $(1 \times 2 \times 3) = 6$.
4. $(1 \times 2 \times 4 \times 7 \times 14) = 784$.
5. Values pair (6, 8) is of (dimension, domain) format.
6. Values pair (786, 784) is of (domain, dimension) format.
7. A reach up till Surya and reach from Surya up till Braham is of the attainment range from 1 perfect number 6 to the second perfect number 28.
8. It would be a blissful to take note that transcendental code value of formulation Braham is 28.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

***VEDIC MATHEMATICS, ITS CLAIMS, POTENTIALITIES AND NEED FOR
INTRODUCING IT AS A DISCIPLINE
IN SCHOOL.***

_ DR .S.K.Kapoor

(VED RATAN)

1

INTRODUCTORY

1. Vedic knowledge has a reached us as organization as four Vedas, rig Ved, Yajur Ved, Sam Ved, Athrav Ved. Each of the four Vedas have its distinct Upveds: Ayur, Dhanur, Ghandhvar and Sathapatya, as applied value parallel to pure values of respective Vedas.
2. Vedas make a complete system, as much as that Vedas are to be approached in term of Vedas themselves. First three Vedas as tri-Vidhya is approached in terms of the values format of fourth (Athrav) Ved. And pure values of Athrav Ved are approached in terms of the applied values of Sathapatya Upved.
3. Vedic mathematics, sciences and technologies values are formatted within Vedas along the values format of Sathapatya Upved, and the basic format of Sathapatya Upved is the Sathapatya measuring rod.
4. As such, Sadhakas fulfilled with intensity of urge to glimpse and to comprehend and to imbibe the same shall initiate themselves to chase Vedic systems along the Sathapatya measuring rod format.

2

APPROACH AND REACH OF VEDIC SYSTEMS

1. Approach and reach of Vedic systems is parallel to the existence phenomenon of our solar universe, within and without frames. Surya and Pursha are the pair of embodiments of values of existence phenomenon within frames.
2. Vedic systems chase existence phenomenon within frames along geometric format of hyper cubes 1 to 6 as representative regular bodies of 1 to 6-space synthesized together and manifesting Sathapatya measuring rod.
3. This 6 step long synthetic format is phased of 3 step each and the first three steps of set ups of hyper cubes 1 to 3 together are approached as *TRILOKI*, while the remaining three steps of hyper cubes 4, 5 and 6, together are approached as *TRIMURTI*.

4. With it, the approach and reach of Vedic systems is a geometric one accepting real 6-space as the space of existence phenomenon of our solar universe with Surya and Pursha being its pair of embodiments of values.

3

EXPECTED LEARNING AND TEACHING STEPS FOR VEDIC MATHEMATICS, SCIENCE AND TECHNOLOGY (VMS&T)

1. Sadhakas fulfilled with intensity of urge to glimpse and to be comprehend and to imbibe the values of Vedic Mathematics, Vedic sciences and Vedic technologies shall learn and teach values of the discipline of VMS&T.
2. Learning and teaching expectation of the values of the discipline of VMS&T are the expectation of glimpsing, comprehending and imbibing of the values of 3-space, 4-space, 5-space and 6-space leading to distinct discipline of 3-space VMS&T, 4-space VMS&T, 5-space VMS&T and 6-space VMS&T.
3. As such, the introduction of Vedic Mathematics as a main stream discipline for high and higher secondary classes would mean the learning and teaching of 3-space mathematics in class 9, 4-space mathematics in class 10, 5-space mathematics in class 11 and 6-space mathematics in class 12.

4

SPECIFIC VISION OF VMS&T

1. VMS&T is of a specific vision of existence phenomenon within our solar universe and it is of the format of real 6-space which as a origin is of reach of a solid dimensional order (3-space dimension), creative order (4-space as boundary) and of transcendental (5-space as domain).
2. As such, the learning and teaching during high and higher classes is to be of sequential progressive steps of values:
 - i. 3-space mathematics values to give a reach for 3-space in the role of dimension/ as a set up of solid dimensional order.
 - ii. 4-space mathematics values to give a reach for 4-space in the role of boundary/ as a set up of creative boundary/ 4-space in the boundary.
 - iii. 5-space mathematics values to give a reach for 5-space in the role of domain/ as a set up of transcendental domain (5-space as domain).
 - iv. 6-space mathematics values to give a reach for 6-space in the role of origin/ as a set up of self-referral origin (6-space as origin).

5

BASIS BASE MATHEMATICS

1. Basis base mathematics of 3, 4, 5 and 6 spaces VMS&T is the mathematical domain of Ganita Sutras and upsutras.
2. Ganita Sutras and upsutras systems are cyclic in organization and these sequentially lead to distinct Vedic Mathematics systems of 3-space, 4-space, 5-space and 6-space mathematics respectively.
3. 3-space mathematics is of a linear order and it works with a unit '1 as 1'.
4. 4-space mathematics avails a pair of units (2 as 1 and 1 as 2) leading to working rule (1/2).
5. 5-space mathematics avails solid dimensional order and 6-space mathematics avails creative dimensional order and they have their specific mathematical systems of multiple units available simultaneously and this makes reach-ness of the mathematical domains.
6. Artifices of numbers and dimensional frames get unified and with it arithmetic, algebra, geometric, manifestation, transcendence and unity state reach become a unified range of discipline.
7. Approaching arithmetic operation on algebraic formats, algebra on geometric format, geometry as manifestation format, manifestation as transcendence flow and all that makes unified and integrated mathematical domain of values reach for the existence phenomenon of our solar universe within and without frames.

6

CLASS 1 TO CLASS 8 MATHEMATICS VALUES

1. Proper base for high and higher secondary classes of vision and reach of 6-space values, is to be built during learning and teaching of class 1 to class 8 mathematics.
2. Essentially it is going to be a mental mathematics of values of numbers as ultimately every mathematical problem, irrespective of its systems, gets reduced into geometric format and numbers values, and artifices of numbers and dimensional frames run parallel to each other, so values of mathematics become the prime mathematical values.
3. Up till class 8, the mental growth of the students can be attained by proper exposure to number values and their operations
4. The intelligence field growth is of progression of natural parameters being supplied by Ganita Sutras and upsutras.
5. The proper sequential exposure to the numbers values mathematics of Ganita Sutras and upsutras is sore attainment of proper degree of growth of the intelligence field within the young minds.

INNOCENCE AND INTELLIGENCE

1. Innocence and intelligence are basic 'state' and basic 'field'.
2. Vedic Mathematics teachers virtue is to reach at natural intelligence growth within innocence fulfilled young minds.
3. Heavy responsibility lies upon the policy makers to properly trained Vedic Mathematics teachers for their solemn responsibility to imbibe Vedic Mathematics values within young mind without sacrificing in any way and without cause any scratched upon the innocence fulfilled young minds.

CREDIT GOES TO SWAMI BHARTI KRISHNA TRITYA JI MAHARAJ

1. Credit goes to Swami Bharti Krishna Tritya Ji Maharaj to reach at structural keys of Ganita Sutras and upsutras.
2. The illustrative demonstration worked out by Swami Ji show us the path the way Ganita Sutras systems flow out mathematical values.
3. Above all, the contribution of swami ji is in sharing with us the ancient meditation methodology for diving deep into the sources values reservoir of Ganita Sutras and the way these reservoirs can be visited and their values can be glimpsed and imbibed.
4. As such, the training of Vedic Mathematics teachers and also of Sadhakas is to focus upon the way one can sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans to glimpse and imbibe the values of mathematical domain of Ganita Sutras and upsutras and to chase existence phenomenon of our solar universe as a discipline of knowledge.

VEDIC MATHEMATICS BOOK AND DIARY OF SWAMI BHARTI KRISHNA TRITYA JI MAHARAJ

1. Sadhakas fulfilled with intensity of urge to settle Vedic Mathematics text books shall approach Vedic Mathematics book and diary of Swami Bharti Krishna Tritya Ji Maharaj as the source values.
2. 'Crowning gem' by Kenneth Ronald Williams is the other source values work of Vedic Ganita Sutras, which will be of great help.

10

GANITA SUTRAS ORGANIZATION FORMAT

1. Sadhakas fulfilled with intensity of urge to reach at basis base values of mathematical domain Ganita Sutras and upsutras shall reach at the organization format of Ganita Sutras and upsutras.
2. For it, one is to, first of all has to have an insight to the organization format of Devnagri alphabet itself and of Sathapatya measuring rod.
3. For it, my books may be of some help.

11

VEDIC MATHEMATICS TEACHERS TRAINING AND VEDIC MATHEMATICS TEXT BOOKS SETTLEMENT

1. To basic prior steps for introduction of Vedic Mathematics as a school subject are
 - i. Institutionalized Vedic Mathematics teacher training programs.
 - ii. Professionalized settlement of graded Vedic Mathematics text books.



DIMENSIONAL DOMAIN

1

GENERAL

1. The term 'dimensional domain' avails a pair of terms:
 - (i) Dimensional
 - (ii) Domain
2. 'Dimension as dimension fold,' is 'domain' in the role of dimension, as such, 'domain' is the basic conceptually term.
3. Domain is a particular state of 'space contents'. That way, the concept, 'domain', take us a step ahead to the values of 'space content' in the state 'domain'.
4. Here, state of 'domain', is the feature of domain as 'domain fold' of dimensional body of the respective dimensional space.
5. As such, we leave 'space content', for the present has only intuitively conceived term and upon it proceed to build defined conceptual terms like domain etc.

2

SPACE CONTENT AND SPACE BODY

1. Space body/objects has object and entities as these can be view, are to be taken as the manifested forms of the space content.
2. This way, the manifested form of the space content, as object/entities/bodies are concerned, are to be taken as in that particular of space content.
3. This state of space content as space body, brings us face to face with its domain (a fold) of set up of the space body.
4. The domain fold, as such, in it this manifested form of the set up of a space body brings us face to face with the feature of the domain fold being enveloped within a boundary fold, which in the context of solids or the surfaces.
5. This domain boundary set up is within a dimensional frame, which that way, brings to focus, a dimension fold as one another fold of this set up of space bodies.
6. Domain fold enveloped within boundary fold and of expression within dimensional frame further confront us with it origin fold, in terms of which the dimension of the dimensional frame, as well as the domain itself remains coordinated and integrated.
7. One may have pause here and take note that the set up of the space body as a set up of quadruples forms namely domain fold, boundary fold, dimension fold, origin fold, further brings us face to face with different roles of space content and also the space content as well being of different feature and values related to the dimensionalized feature of the space.

8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

PRITHIVHI VA SURYAH (EARTH AND SUN)

1

INTRODUCTORY

1. Earth to sun is a six steps long self-referral range.
2. This range is of steps (i) Earth (ii) Water (iii) Fire (iv) Air (v) Space (vi) Sun.
3. This being a self-referral range as such it coordinates and organizes in both orientations: firstly earth to sun, and secondly sun to earth.
4. The formulation in Sanskrit are approached in terms of transcendental code values, while formulations in English are approached in terms of numbers values format.
5. Formulation *prithivhi* accepts transcendental code value $(25+13) = 38$.
6. Formulation *suryah* accepts transcendental code value 26.
7. The difference value $(38-26) = 12$ is parallel to the value of 12 components of transcendental boundary (5-space as boundary) of self-referral domain (6-space).
8. One may have a pause here and take note that formulation *shiv* accepts transcendental code value 12.
9. Further as that formulation *shivah* accepts transcendental code value 25 parallel to transcendental code value of formulation *prithivi*.
10. Still further as that formulation *shiv shakti* accepts transcendental code value 22 which is parallel to summation value of four folds manifestation layers (4, 5, 6, 7) of hyper cube 6, the representative regular body of 6-space, which accepts 13 geometries range.
11. Further as that, formulation *surya parkashh* accepts transcendental code value 39 while formulation *purbha* accepts transcendental code value 37.
12. Still further as that, values pair (37, 39) accepts format parallel to (dimension, domain format).
13. Formulation earth accepts number value format of value 52, while formulation sun accepts number value format parallel to number value 54 and that values pair (52, 54) accepts format parallel to (dimension, domain format).
14. Still further as that, NVF (Earth) and TCV (Privthvi) accepts reflection pair of values (52, 25).
15. Still further as that, NVF (Earth) = six.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

2

EARTH AND SUN

1. Earth to be approached as a 3-space body in dynamic state within 4-space.

2. Sun to be approached as 6-space body within 4-space with dynamic state spatial dimension of dimension order.
3. Spatial order itself accepts a dimensional frame of a pair of dimensions.
4. Being a spatial order it has a pair of measure (2 as 1 and 1 as 2) leading to (1/2) as a working unit.
5. This lead to numbers line of values (1, 3/2, 2, 5/2, 3, 7/2 ...).
6. Pair of dimensions of above values format shall be to leading a grid to a grid as follows:

(1,1)	3/2	2	5/2	3	7/2
3/2	2	5/2	3	7/2	4
2	5/2	3	7/2	4	9/2
.....						

7. The above pair of lines of the grid will lead to diagonal wise values (as summation values of pair of end value of the diagonals) as:
(1+1), (3/2+3/2), (2+2), (5/2+5/2), (3+3)
8. One may have a pause here and take note that this leads us to a numbers values range (2, 3, 4, 5, 6, 7 ...).
9. One may further have a pause here and take note that it is a shift of one step in respect of values range (1, 2, 3, 4, 5, 6 ...) and it has reach at a value range (2, 3, 4, 5, 6, 7 ...).
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

3

VALUES RANGE (2, 3, 4, 5, 6, 7 ...)

1. Value range (2, 3, 4, 5, 6, 7 ...) is parallel to the range of dimensional orders of (4, 5, 6, 7, 8, 9, 10 ...).
2. The compactified state of origins beginning with four space of origin of 3-space shall be leading to compactified range of dimensional orders beginning with spatial order as dimensional order of 4-space.
3. With it, the sequential unfolding by way of transcendence at the origin shall be sequentially leading us to value ranges (2, 2+3, 2+3+4, 2+3+4+5, 2+3+4+5+6 ...).
4. One may have a pause here and take note that this emerging range of values (2, 5, 9, 14, 20, 27, ...) shall be again bringing us face to face with the happening of transition

from spatial order to solid order, where by the 3rd axis while would be parallel to values format (1, 3/2, 2, 5/2, 3, 7/2, ...), is shall be of coordination steps parallel to (5, 6, 7, 8, 9 ...).

5. One may have a pause here and take note that ($5 \times 1 = 5$, $6 \times 3/2 = 9$, $7 \times 2 = 14$, $8 \times 5/2 = 20$, $9 \times 3 = 27$...).
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
7. It would be a blissful exercise to revisit above organization format features of transition from spatial order to solid order set ups.
8. It would further be a blissful to take note that solid order is the dimensional order of transcendental domain (5-space) domain.
9. With it, there would be a reach within the space, in between earth and sun.
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

4

$$\text{TCV (PRIVITHI)} = 38 = 19+19$$

1. Formulation (*privithi*) the earth in dynamic state as such avails a spatial order format.
2. With it, the value $38 = 19+19$ with value 19 being parallel to placement value of southern hemi sphere of our Solar Universe, as such bring us face to face with this manifested state of the spatial order as a format of dynamic state earth.
3. One may have a pause here and take note that formulation *Bharat* accepts transcendental code value 19 and formulation *Bharat Varsh* accepts transcendental code value $(19+17) = 36$.
4. With it, the chase of transcendental sky over the *Bharat Varsh*, as such shall be of dynamic state of earth of its format values pairs (19, 17) which is parallel to the format of (domain, dimension).
5. Still further, it would be a blissful to take note that transcendental code values pair (Krishna, Aatma) as well accepts TCV values pairs (19, 17).
6. Still further as that, formulation Sri Om also leads to transcendental code value 36 parallel to transcendental code value of formulation Parnavh.
7. It would be a blissful to revisit the Devnagri script form of value 36 being parallel to the reflection pairing organization format of a pair of 3 dimensional frame of half dimension synthesizing a 3 dimensional frame of full dimensions.

5

LET US REVISIT THE SET UP OF CUBE

1. It would be a very blissful exercise to revisit the set up of cube.

2. In each of the 8 corner points of cube is embedded a 3 dimensional frame of half dimensions with inward orientation towards the center of the cube.
3. These 8 dimensional frames are coordinated by quadruple internal diagonals of the cube as such, the internal diagonal of cube becomes the translation path for the pair of 3 dimensional frames of half dimensions embedded in the end points of the diagonals.
4. One may have a pause here and take note that the quadruple diagonals of cube as such settle the internal format of solids in motion.
5. With it, the comprehension and imbibing of the dynamic state earth will brings us face to face with about its motion around its own axes as well as around the sun.
6. It is this feature which deserves to be comprehended and appreciated well.
7. Here it would be blissful to revisit formulation *kuram* accepting transcendental code value 19.
8. It would further be very blissful to take note that the translation of 8 three dimensional frame of half dimensions, in pairs along respective diagonals, with their reach at origin shall be synthesizing quadruple 3 dimensional frames of full dimensions, which together with 5th three dimensional frame of full dimensions shall be making a set up of 5 three dimensional frame of full dimensions, a set up of a dimensional frame of a transcendental domain (5-space) of 5 solid dimensions of value $3 \times 5 = 15$.
9. It would further be a blissful to take note that values range (15, 16, 17, 18, 19) constitute a transcendence range with value 19 of the base fold for the transcendence range of dimensional value 15.
10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

6

SPLIT OF SPHERE AS A PAIR OF HEMI SPHERES

1. Parallel to split of a 3 dimensional frame into a pair of 3 dimensional frames of half dimensions, one shall chase the split of a sphere into a pair of hemi sphere.
2. Further one shall translate a pair of hemi sphere parallel to translation of a pair of 3 dimensional frame of half dimensions along their coordinating diagonal.
3. Further one shall chase the translation of pair of hemi spheres and their synthesis with reach at the centre of the translating diagonal parallel to the synthesis of a pair of translating 3 dimensional frame of half dimensions with their reach at the centre of the translating diagonal.
4. It would be a blissful to take note that with their reach at centre of the translation diagonal, their happen to be a synthesis such that the set up results into of outwards orientations (orientation away from the centre/ origin) for all the dimensions.
5. One may have pause here and take note that originally the orientation of all the dimensions had been inward that is towards the center while after the synthesis the

orientations for all the dimensions become of outward feature of that is the feature away from the centre.

6. One may further have a pause here and take note that it is the phenomenon which amongst other had the feature of origins (corners) of pair of 3 dimensional frames attains same seat as the centre of the cube itself.
7. It that way, becomes the seat of triple origins.
8. It is this feature which deserves to be comprehended well.
9. Linear order leads to single origin, spatial order leads to a pair of origins and solid order leads to triple origins.
10. It is this triple origins set up which makes fixation for the dynamic earth.
11. It is this triple origins format of dynamic state earth, which deserves to be comprehended well for its full appreciation.
12. It will be leading to values triple (19, 19, 19) of summation values 57 which shall be having its reflection pairing firstly, (57, 57) and secondly as (57, 75).
13. And further, there would be pairing as (75, -75) and so on.
14. One may have pause here and take note that $57+75 = 132 = 11 \times 12$ which is parallel to the format of 11 geometries range of 5-space and 12 transcendental boundary components (5-space as boundary).
15. Still further, it would be relevant to take note that value 75 is the synthesis value of a pair of transcendence ranges of transcendental order as $(9+8+7+6+5)+(5)+(5+6+7+8+9)$.
16. Further value (-57) is the synthesis value of a pair of transcendence ranges of negative unity state order (-7 space) in the role of dimension for (-5 space) in the role of domain.
17. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

7

UN-MANIFEST STATE 3 DIMENSIONAL FRAME OF HALF DIMENSIONS

1. Let us revisit the set up of the cube.
2. In each corner point of the cube is embedded a three dimensional frames of half dimensions of inward orientations towards the centre of the cube.
3. One may have pause here and take note that the complement of the said three dimensional frames of half dimensions is in an un-manifest form.
4. This un-manifest three dimensional frames of half dimension is of outward orientations that is of the orientation away from the centre.
5. This un-manifest part of a three dimensional frame is outside the set up of a cube.
6. Like that, there are, as many as 8 such un-manifests 3 dimensional frames of half dimensions within the space outside the set up of the cube.
7. One may have a pause here and take note that though these 8 un-manifests 3 dimensional frames of half dimensions are outside the set up of the cube but never

the less these un-manifests dimensional frames as well remain coordinated in terms of four internal diagonals of the cube itself.

8. One may have a pause here and take note that when a manifest 3 dimensional frame with orientation towards the centre translate along the diagonal and as reach at the other end of the diagonal, it shall be making it to be of the format feature of the un-manifest 3 dimensional frame at that end of the diagonal.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

8

4-SPACE SEAT AT THE CENTRE OF THE CUBE

1. One shall sit comfortably and permit the transcending mind to glimpse the centre of the cube/ origin of 3-space as a seat of 4-space.
2. One shall sit comfortably and glimpse split of cube into 8 sub cubes and realize of 4-space at the centre and 8 sub cubes having placement as boundary components of hyper cube 4.
3. Scripture preserves the enlightenment of Universal Brahama and localized Brahama.
4. The enlightenment episode of Vashishatha and Vidya Dhari and they having entered the slab and at its centre glimpsed and had a dialogue with Lord Brahma, 4 head Lord, Creator's supreme and presiding deity of 4-space.
5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.



DIMENSIONAL SYNTHESIS VALUES TABLE

1. Dimensional synthesis values range for linear dimensions is (0, 1, 3, 6, 10, 15, 21, 28, 36, 45 ...).
2. Dimensional synthesis values range for spatial dimensions is (0, 2, 4, 6, 8, 10, 12, 14, 16, 18 ...).
3. The range of difference of values of above pair of ranges is (0, -1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 ...).
4. This range of differences value accepts re-organization as:
 - (i) $(0) = (0) \times (-2)$.
 - (ii) $(-1) = (1) \times (-1)$.
 - (iii) $(-1) = (2) \times (-1/2)$.
 - (iv) $(0) = (3) \times (0)$.
 - (v) $(2) = (4) \times (1/2)$.
 - (vi) $(5) = 5 \times (1)$
 - (vii) $9) = (6) \times (3/2)$.
 - (viii) $(14) = (7) \times (2)$.
 - (ix) $(20) = (8) \times (5/2)$.
 - (x) $(27) = (9) \times (3)$.
 - (xi) $(35) = (10) \times (7/2)$

5. One may have a pause here and take note that:

(i)	(0, 0) = 2	
(ii)	(-1, -1) = 1	1-2 = -1
(iii)	(-1, -1) = 1.	1-1 = 0
(iv)	(0, 0) = 2.	2-1 = 1
(v)	(2, 2) = 4.	4-2 = 2
(vi)	(5, 5) = 7.	7-4 = 3
(vii)	(9, 9) = 11.	11-7 = 4
(viii)	(14, 14) = 16.	16-11 = 5
(ix)	(20, 20) = 22.	22-16 = 6
(x)	(27, 27) = 29.	29-22 = 7
(xi)	(35, 35) = 37.	37-29 = 8
(xii)	(44, 44) = 46	46- 37 = 9
(xiii)	

6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
7. The above sequential differences range is parallel to whole number range (... -1, 0, 1, 2, 3, 4 ...).

8. One may have a pause here and take note that the inter relationship of dimensional order and artifices of whole numbers (positive, negative and zero integers) is inherent relationship and same deserves to be imbibed well.

1	-11	-55	-22	-44	-7	-11
2	-10	-45	-20	-35	-13/2	-10
3	-9	-36	-18	-27	-6	-9
4	-8	-28	-16	-20	-11/2	-8
5	-7	-21	-14	-14	-5	-7
6	-6	-15	-12	-9	-9/2	-6
7	-5	-10	-10	-5	-4	-5
8	-4	-6	-8	-2	-7/2	-4
9	-3	-3	-6	0	-3	-3
10	-2	-1	-4	1	-5/2	-2
11	-1	-1	-2	1	-2	-1
12	0	0	0	0	-3/2	0
13	1	1	2	-1	-1	1
14	2	1	4	-1	-1/2	2
15	3	3	6	0	0	3
16	4	6	8	2	1/2	4
17	5	10	10	5	1	5
18	6	15	12	9	3/2	6
19	7	21	14	14	2	7
20	8	28	16	20	5/2	8
21	9	36	18	27	3	9
22	10	45	20	35	7/2	10
23	11	55	22	44	4	11
1	-11	-55	-22	-44	-7	-11
2	-10	-45	-20	-35	-13/2	-10
3	-9	-36	-18	-27	-6	-9
4	-8	-28	-16	-20	-11/2	-8
5	-7	-21	-14	-14	-5	-7
6	-6	-15	-12	-9	-9/2	-6
7	-5	-10	-10	-5	-4	-5
8	-4	-6	-8	-2	-7/2	-4
9	-3	-3	-6	0	-3	-3
10	-2	-1	-4	1	-5/2	-2
11	-1	-1	-2	1	-2	-1
12	0	0	0	0	-3/2	0
13	1	1	2	-1	-1	1
14	2	1	4	-1	-1/2	2
15	3	3	6	0	0	3
16	4	6	8	2	1/2	4
17	5	10	10	5	1	5
18	6	15	12	9	3/2	6

19	7	21	14	14	2	7
20	8	28	16	20	5/2	8
21	9	36	18	27	3	9
22	10	45	20	35	7/2	10
23	11	55	22	44	4	11
1	-11	-55	-22	-44	-7	-11
2	-10	-45	-20	-35	-13/2	-10
3	-9	-36	-18	-27	-6	-9
4	-8	-28	-16	-20	-11/2	-8
5	-7	-21	-14	-14	-5	-7
6	-6	-15	-12	-9	-9/2	-6
7	-5	-10	-10	-5	-4	-5
8	-4	-6	-8	-2	-7/2	-4
9	-3	-3	-6	0	-3	-3
10	-2	-1	-4	1	-5/2	-2
11	-1	-1	-2	1	-2	-1
12	0	0	0	0	-3/2	0
13	1	1	2	-1	-1	1
14	2	1	4	-1	-1/2	2
15	3	3	6	0	0	3
16	4	6	8	2	1/2	4
17	5	10	10	5	1	5
18	6	15	12	9	3/2	6
19	7	21	14	14	2	7
20	8	28	16	20	5/2	8
21	9	36	18	27	3	9
22	10	45	20	35	7/2	10
23	11	55	22	44	4	11
1	-11	-55	-22	-44	-7	-11
2	-10	-45	-20	-35	-13/2	-10
3	-9	-36	-18	-27	-6	-9
4	-8	-28	-16	-20	-11/2	-8
5	-7	-21	-14	-14	-5	-7
6	-6	-15	-12	-9	-9/2	-6
7	-5	-10	-10	-5	-4	-5
8	-4	-6	-8	-2	-7/2	-4
9	-3	-3	-6	0	-3	-3
10	-2	-1	-4	1	-5/2	-2
11	-1	-1	-2	1	-2	-1
12	0	0	0	0	-3/2	0
13	1	1	2	-1	-1	1
14	2	1	4	-1	-1/2	2

15	3	3	6	0	0	3
16	4	6	8	2	1/2	4
17	5	10	10	5	1	5
18	6	15	12	9	3/2	6
19	7	21	14	14	2	7
20	8	28	16	20	5/2	8
21	9	36	18	27	3	9
22	10	45	20	35	7/2	10
23	1	55	22	44	4	11

INTERVAL SQUARE AND CUBE

SPACE BODIES

1. Interval is a 1-space body.
2. Square is a 2-space body.
3. Cube is a 3-space body.

SET UPS OF DOMAINS AND BOUNDARIES

4. Interval is a set up of domain (length) and boundary (a pair of end points).
5. Square is a set up of domain (area) and of boundary (4 boundary lines).
6. Cube is a set up of domain (volume) and boundary (6 surface plates).

DIFFERENT VERSIONS

7. Interval as 3 versions, designated as close interval, half closed / half open interval and open interval.
8. Square has 5 versions as squares of 4, 3, 2, 1, 0 numbers of boundary line respectively.
9. Cube has 7 versions, respectively 6, 5, 4, 3, 2, 1, 0 number of surface plate.

$(\mathbf{N}^1+\mathbf{N}^0)^1$, $(\mathbf{N}^1+\mathbf{N}^0)^2$ and $(\mathbf{N}^1+\mathbf{N}^0)^3$

10. Number value $(\mathbf{N}^1+\mathbf{N}^0)^1$ is of a geometric format of half closed / half open interval.
11. Number value $(\mathbf{N}^1+\mathbf{N}^0)^2$ is of the format of a square with half boundary constitute a pair of half closed / half open intervals together constituting a dimensional frame of 2-space of a pair of half dimensions.
12. Number value $(\mathbf{N}^1+\mathbf{N}^0)^3$ is of the format of a cube with half boundary manifesting within a 3 dimensional frame of half dimension (half closed / half interval).

$(\mathbf{N}^{2n}+\mathbf{N}^0)^1$, $(\mathbf{N}^{2n}+\mathbf{N}^0)^2$ and $(\mathbf{N}^{2n}+\mathbf{N}^0)^3$

13. Number value $(\mathbf{N}^{2n}+\mathbf{N}^0)^1$ is of a geometric format of close interval.
14. Number value $(\mathbf{N}^{2n}+\mathbf{N}^0)^2$ is of a format of square with full boundary.

15. Number value $(\mathbf{N}^{2n} + \mathbf{N}^0)^3$ is of a geometric format of cube with a full boundary.

DIMENSIONAL FRAMES OF HALF AND FULL DIMENSIONS

HALF DIMENSION FRAMES

16. 3-space accepts 1-space in the role of dimension.
17. Interval is a 1-space body.
18. Half closed interval is one of the versions of an interval (1-space body).
19. Half closed interval may play the role of a dimension.
20. A pair of half closed interval, together play a role of a pair of axes synthesizing a dimensional frame of 2-space.
21. Triple half closed interval together constitute a dimensional frame of 3-space.
22. One may have a pause here and take note that above set up of single, double and triple axes frames shall be the directional frame of geometric bodies of numbers value respectively being $(\mathbf{N}^1 + \mathbf{N}^0)^1$, $(\mathbf{N}^1 + \mathbf{N}^0)^2$ and $(\mathbf{N}^1 + \mathbf{N}^0)^3$
23. It would be blissful to see that the above dimensional frames are of half dimensions.

FULL DIMENSIONAL FRAME

24. Close interval makes a dimensional frame of single full axis.
25. A pair of close interval synthesis a dimensional frame of a pair of axes of 2-space.
26. Triple close interval together constitute a dimensional frame of 3 full dimension of 3-space.
27. It would be blissful to revisit the set up of a close interval.

SET UP OF A CLOSE INTERVAL

28. A close interval split into a pair of half close/ half open intervals.
29. The point inbetween the closed interval, as such becomes the joint of the pair of half close / half open interval.
30. Close interval as a boundary line of a square and the close interval as the edge of the cube, that way, will permit a split into a pair of half close / half open interval and the joint point there of .
31. It is this feature of the set up of the close interval in its role as 1-space domain, as 2-space boundary and as 3-space edge, on the one hand and as an axis will help us acquire insight about the permissible split for 1-space, 2-space and 3-space bodies. This split will bring us face to face with the single point joint for 1-space body, a single line joint for a 2-space body and a single surface joint of 3-space body
32. It would be blissful to take note that the single point joint of a interval is of zero length.
33. Likewise, single line joint of square is of zero area.
34. Further, single surface joint of cube is of zero volume.

35. The split of an interval into two parts, split of a square into a four part and split of a cube into 8 parts happen to be there because of the above feature of synthetic joint of interval, square and cube.

CUBE WITHIN CUBE, SQUARE WITHIN SQUARE AND INTERVAL WITHIN INTERVAL

36. It would be blissful to glimpse the format of interval, square and cube with in a cube.
37. Further it would be blissful to glimpse the format of interval and square with in a square.
38. Still further it would be blissful to glimpse and interval with in interval.
39. Still further it also would be very blissful to glimpse 0-space bodies within interval, square and cube.
40. It would further be very-very blissful to glimpse the format of negative orientation interval with in a zero space body (0-space domain).

BLISSFUL EXERCISE

41. It would be a blissful exercise to glimpse and imbibe the above feature of interval, square and cube.



SINGLE VERSION OF ZERO SPACE BODY

1. It would be blissful to accept zero space body as well an entity.
2. It will help us associate value 'ek' to a body of zero value.
3. It is this paring of (0, 1) which will help us have an insight of the equation $N^0 = 1$.
4. The value N^0 , in a way is a values state of zero number of dimensions.
5. It may be taken as N space bodies of zero value.
6. It also will bring us face to face with the zero space as a space prior to the space permitting approach in terms of first dimension (in a single dimension).
7. As such N^0 is the value of zero number of dimensions.
8. Let us have a pause and take note that three space / cube has 2-space body in the role of boundary.
9. Further 2-space body square) as one space body (interval) the role of boundary still further 1-space body (interval) as zero space (points) in the role of boundary of 1-space.
10. This, that way, in that sequence will take us to (-1)space playing the role of boundary of zero space.
11. And, it is this feature which makes zero space being of a single geometry / single version zero space bodies as the boundary already being negative orientation, so there is no step of removal of boundary and accordingly zero space body remains single version body.
12. It would further be blissful to take note that the formulation Shunya is manifesting itself only one's in the Vedic Samhita, that to in Athrav Ved Samhita.
13. It would further be blissful to take note that formulation Shunya accepts transcendental code value 18 which accepts re-organization as $18 = (3+4+5+6)$, parallel to which is a set up of quadruples value (3, 4, 5, 6) which further is parallel to four folds manifestation layers (3, 4, 5, 6) and of hyper cube 5, the representative regular body of transcendental space (5-space) / Sanathna, Ayake, Ayakata, the base of un-manifests.
14. One shall sit comfortably and to comprehend the above features and values of zero space body as an entity accepting association of value '1'.

DEVNAGRI ALPHABET

1. Devnagri, as has reached us, and the script form it has at present is as under :

2. To reach at the organization format of Devnagri, we may have association of numbers values to the letters, in the sequence and order of the groups formations of the letters as follows :

3. A step ahead parallel to numbers values range 1 to 9 associated with group of vowels, be taken as parallel to the range of 1-space to 9-space range.
4. This reach from numbers values to dimensional spaces will bring us face to face with the parallel formats of artifices of numbers and dimensional frames.
5. With it, the features and values of Devnagri alphabet format shall be leading us to its approach in terms of numbers values and geometric formats.
6. With it, numbers and bodies will become the basic Vedic mathematical tool for reach at Vedic knowledge domain.

*

DIVYA GANGA PARVAH

1. Jyoti Parvah from orb of the Sun is a transcendental phenomenon as in this flow process (parvah) is carried transcendental domain values (5-space domain values).
2. This transcendental phenomenon is happening with creator's space (manifestation of 5-space within 4-space) as origin of 4-space.
3. With it the Jyoti flowing from Orb of the shall be as a creative domain of transcendental origin.
4. Creative domain is a 4-space domain of 9 geometries range
5. Within 4-space domain, along its Sathapatya measuring rod being a synthetic set up of hyper cubes 0 to 4 shall be leading us to a range of versions of hyper cube 0 to 4 parallel to range of 0-space to 4-space of values range (1, 3, 5, 7 and 9)
6. This values range (1, 3, 5, 7 and 9) is having middle placement for value 5.
7. This middle value is having a paired pair of values (9, 7) and (3, 3) on its both sides.
8. This range is designated as Divya Ganga Parvah of which manifested values (9, 3, 1) and unmanifest value is (5)
9. this flow path is of the format of sole syllable Om of quadruple component (Bindu Sarovar, Ardh Matra, Tripundram and Swastik Pade
10. Vedic knowledge domain is of the value of Jyoti Parvah along the format of sole syllable Om. *

ORGANIZATION OF VEDIC KNOWLEDGE

1. Vedic systems chase knowledge and organization of knowledge as parallel streams.
2. Vedic Scripture accepts its organization parallel to the knowledge of the scripture.
3. As such, the organization of the scripture gives us insight about the knowledge of the scripture.
4. And, knowledge of the scripture gives us an insight of the organization of the knowledge of the scripture.
5. The other feature of organization of the knowledge is that it has its beginning and end at the same ment.
6. It is this feature which brings us face to face with the Devnagri alphabet being the beginning, as well as the end reach of the organization of Vedic Knowledge.
7. Beginning with Devnagri alphabet, we shall be sequentially reaching at the whole domain of Vedic knowledge.
8. And beginning with the Vedic Knowledge domain, we shall be having the end reach at the values domain of Devnagri alphabet itself.

9. As the Vedic knowledge has reached us as composed in Devnagri organized along Devnagri alphabet format, as such the beginning point of initiation of learning of Vedic knowledge, matter may be as a beginning of learning starting with Devnagri alphabet.

*

SANKHIYA NISHTA AND YOGA NISHTHA

1. Vedic processing system simultaneously avails established processes of chase of Sankhiya Nishtha and Yoga Nishtha.
2. Sankhiya Nishtha assumes the existence of geometric formats and avails values of numbers on geometric formats.
3. Yoga Nishtha presumes the existence of values of numbers and avails geometric formats features in terms of values of numbers.
4. Values of numbers take us to artifices of numbers.
5. On the other hand features of geometric formats take us to dimensional frames.
6. Vedic processing systems, as such, simultaneously work out artifices of numbers and dimensional frames, not only parallel to each other but also being complementary and supplementary of each other.
7. The virtue of the processing steps of Vedic Systems is that it unifies numbers values 1 to 9 and dimensional spaces 1 to 9 as ten place value system at the creative boundary (4-space as boundary) of ten components of transcendental domain (5-space).
8. With it, the organization becomes of transcendental domain values (5-space domain values of hyper cube 5 format) within creator space
9. And it is reach, by way of transition and transformation from 9 vowels range to first varga consonant (ka)
10. Vedic scripture preserve the enlightenment: Ka Brahma, Ka Shiv.

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SATHAPATYA MEASURING ROD

1. Vedic knowledge organized as four Vedas namely Rigved, Yajurved, Samved and Atharaved.
2. Rigved, yajurved and Samved are designated and approached as Trividya.
3. Trividya is approached in terms of Atharavidya (of Atharaved)
4. Knowledge of each Veda leads to its applied values in terms of its organization and same manifests as its Upveda.
5. Sathapatya upved is the Upved of Atharaved.
6. Mansara (essence of measure) is the scripture of Sathapatya Upved.
7. Mansara (essence of measure) settles the processing format as Sathapatya mapdand (Sathapatya measuring rod).
8. Lord Vishnu, the overlord of 6-space, is the presiding deity of Sathapatya measuring rod.
9. Lord Brahma, overlord of 4-space, is the presiding deity of the measure of the Sathapatya measuring rod.
10. This measuring rod helps measure out 6-space domain.
11. Measure of this measuring rod is of 4-space domain (units).
12. With it, 6-space domain stands exhaustively measured in terms of range of 6 units.
13. Each unit being a 4-space domain unit, as such these units sequentially manifests hyper cube 1 to 6 formats.
14. With it, the Sathapatya measuring rod makes a synthetic format of hyper cubes 1 to 6
15. In terms of this measuring rod is had and exhaustive possessive of 6-space domain
16. Vedic systems approach Vishnu lok, Surya and Pursha as of 6-space format manifestations and accordingly is the reach of Sathapatya measuring rod.

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3-SPACE

TABLE OF CONCEPTUAL TERMS

1. 3-space
2. 3-space content
3. 3-space body
4. Spatial boundary
5. Solid domain
6. Creative origin
7. Transcendental base
8. Self-referral format
9. Unity state
10. 3 dimensional frame
11. Geometric envelop
12. Spatial window
13. Take off from the boundary
14. Transcendence within domain
15. Sealed dimensional frame
16. Transcendence at the origin
17. Outward expansion
18. Inward expansion
19. 1-space as dimension fold
20. 2-space as boundary fold
21. 3-space as domain fold
22. 4-space as origin
23. 5-space as base
24. 6-space as format
25. 7-space as unity state
26. Synthesis of linear dimensions
27. Split of solid domain
28. Half dimensional frame
29. Split of cube as eight sub cubes / Split of 3-space as eight octaves
30. Seven versions of cube / Seven geometries range of 3-space
31. Ninth sub cube
32. Sixty fifth sub-sub cube
33. Quadruple internal diagonals
34. Diagonal as a translation path
35. Hyper cube 3
36. Four folds manifestation layer (1, 2, 3, 4)
37. Linear order transcendence range (1, 2, 3, 4)
38. Different roles of 3-space

39. 3-space as domain fold
40. 3-space as origin fold
41. 3-space as base fold
42. 3-space as format
43. 3-space as unity state
44. 3-space as solid boundary
45. 3-space as solid dimension
46. Cube within a cube
47. Static cube / Dynamic cube
48. Synthesis of cubes

3-SPACE

CONCEPTUAL TERMS

1. 3-space
The space within a 3 dimensional frame of 3 linear axes is designated as 3 dimensional space, are simply as 3-space.
2. 3-space content
The space content of 3-space is designated as 3-space content.
3. 3-space body
3-space content manifests as 3-space body.
4. Spatial boundary
Pair of linear axis manifests a spatial boundary of 3-space bodies.
5. Solid domain
All the 3 linear dimensions together manifests as solid domain, the domain of 3-space body.
6. Creative origin
The origin of 3-space is designated as creative origin. It is a set up of a space within a dimensional frame of four spatial dimensions.
7. Transcendental base
The creative origin accepts a transcendental base. Creative origin is a set up of four spatial dimensions while transcendental base is a set up of five solid dimensions.
8. Self-referral format
The format of transcendental base is a set up of six creative dimensions, designated as self-referral format of transcendental base of creative origin of solid domain. It is also referred as a self-referral format. (4-space in the role of dimension)
9. Unity state
The self-referral format lead to a unity state, a set up of seven transcendental dimensions (5-space as dimension of 7-space).
10. 3 dimensional frame
3-space is a set up of triple linear dimensions. It is designated as a 3 dimensional frame. it is of a linear order, as that the dimensions are linear (1-space playing the role of dimensions). However the set up of 3 spatial dimensions will constitute a 3 dimensional frame of spatial order (2-space in the role of dimension). Likewise, 3 dimensional frame of solid dimension (3-space in the role of dimension) becomes a 3 dimensional frame of solid order. A step ahead, a 3 dimensional frame of order N will make a 3 dimensional frame of 3 dimensions of order N.
11. Geometric envelop

The volume of the cube is enveloped within a set up of eight corner points, 12 edges and 6 surface plates. This structural set up of eight corner point, 12 edges and 6 surface plates is designated as geometric envelop of the cube.

12. Spatial window

The geometric envelop of cube stitched 6 surface plates. Each of these 6 surface plates is designed as a spatial window, as that through this window there can be flow out, the linear order of a domain, in the outer space.

13. Take off from the boundary

There can be a take off of each of the surface plates of the spatial boundary of the cube.

14. Transcendence within domain

The domain fold of cube is of a linear order. As such within this domain fold, there happens a transcendence from 3-space as domain to 1-space as dimension. A step ahead there would be a transcendence from 1-space as domain to (-1) space as dimension of 1-space. The reverse orientation of dimension of 1-space, will have a reverse for the transcendence within the domain of cube / 3-space. it is this feature of transcendence within domain of 3-space, which deserves to be comprehended well for its through appreciation for its complete imbibing to acquire proper insight and to attain appropriate enlightenment about this phenomenon of transcendence within 3-space domain.

15. Sealed dimensional frame

When origin of dimensional frame remains sealed than the dimensional frame is designated as a sealed dimensional frame. it would be blissful to take note that when origin of a 3 dimensional space gets superimposed upon the centre of the cube, a seat of origin of 3-space, then dimensional frame and dimensional domain, both gets sealed. One shall comprehend and appreciate this happening as well.

16. Transcendence at the origin

The unsealed origin state permits transcendence at the origin of the domain. With this transcendence, the linear order of the 3-space domain transcendences through the origin as the same being the spatial order. This transcendence of the linear order through the spatial order origin takes to solid order base of the origin. One shall fully comprehend this phenomenon as well.

17. Outward expansion

The take off of a spatial boundary component (a surface plate) structures the outward space with a spatial order and there by the outer space gets structured as 4-space as spatial order, and there by happens an outward expansion for the linear order 3-space set up.

18. Inward expansion

The transcendence at the spatial order origin results into inward expansion and the same becomes the features of a reach uptill solid order base.

19. 1-space as dimension fold

1-space plays the role of dimension of 3-space. It is designated as '1-space as dimensional fold'.

20. 2-space as boundary fold

2-space plays the role of spatial boundary of 3-space. one may have a pause here and take note that the corner point, as well as the edges have no contribution to the surface area of the geometric enveloped of cube, as such, it is designated as a spatial boundary. And, 2-space is taken as playing the role of boundary of 2-space.

21. 3-space as domain fold

As the 3-space content manifests as domain fold (volume) of the cube / 3-space bodies as such it is taken that '3-space plays the role of domain fold of 3-space bodies'.

22. 4-space as origin

As four space plays the role of origin fold / origin of 3-space body / 3-space itself, as such it is taken that 4-space playing the role of origin of 3-space and also manifesting as origin fold of 3-space body / cube.

23. 5-space as base

3-space is a linear order space (1-space plays the role of dimension of 3-space) 4-space is a spatial order space (2-space plays the role of dimension of 4-space). 5-space is a solid order space (3-space plays the role of dimension of 5-space).

3-space as domain fold has 4-space as origin fold and 5-space as base fold. As such, 5-space is taken as base fold of the origin fold of the solid domain, are simply as '5-space as base'.

24. 6-space as format

5-space as base accepts 6-space as format.

25. 7-space as unity state

6-space as format leads to 7-space as unity state.

26. Synthesis of linear dimensions

Linear dimensions synthesis leading to sequential values as under:

- (i) Single linear dimension as a value (1)
- (ii) Pair of linear dimension as a synthesis value (3)
- (iii) Triple linear dimension have a synthesis value (6)
- (iv) N number of linear dimensions has a synthesis value $(1+2+3+\dots+N)$

27. Split spectrum of solid domain

Solid domain (a linear order domain) sequentially leads to transcendence split spectrum as under:

- (i) At initial stage the whole domain is a single entity.
- (ii) At first transcendence split domain splits into a pair of 1-space entities.

- (iii) At next split stage there emerges a spectrum of 5 entities of (-1) space.
- (iv) At next split stage there emerges a spectrum of 12 entities of (-3) space.
- (v) At next split stage the spectrum becomes of 29 entities of (-5) space, and process continues

28. Half dimensional frame

Let us revisit the set up of the cube. Each corner point of the cube is embedded a 3 dimensional frame of half dimensions. This dimensional frame is designed as a half dimensional frame.

29. Split of cube as eight sub cubes / split of 3-space as eight octaves

It would be blissful to take note that the cube splits into 8 sub cubes parallel to split of 3-space into 8 octants. It would be blissful to take note that the linear axis of 3-space are having a spatial base. The triple spatial dimension as a 3 dimensional frame of spatial order splits the 3-space into 8 octants and parallel to it, cube split into 8 sub cubes.

30. Seven versions of cube / Seven geometries range of 3-space

The geometric envelop of cube, as a set up of 6 surface plates, makes a range of 7 version of cube parallel to the presence of number of surface plates (6, 5, 4, 3, 2, 1, 0). These seven versions of cube, as seven bodies of 3-space, are the bodies of seven geometries range of 3-space.

31. Ninth sub cube

Let us revisit the set up of a cube as a set up of eight sub cubes. Each sub cube when further split as eight sub-sub cubes, then the inner most sub –sub cubes of each sub cube would be of $1/8^{\text{th}}$ volume of the sub-sub cube and as such all the eight inner most sub-sub cubes of all the eight sub cubes shall be synthesizing a volume equal to that of sub cube and this synthetic set up of inner most sub-sub cubes is designated as 9^{th} sub cube.

32. Sixty fifth sub-sub cube

Sixty four sub-sub cubes with parallel split for each sub-sub cube will lead to inner most sub-sub cube which together will constitute 65 sub-sub cubes.

33. Quadruple internal diagonals

Let us revisit the structural set up of cube. The set of 8 corner points are being coordinated in terms of quadruple internal diagonals passing through the centre of the cube.

34. Diagonal as a translation path

It would be blissful to take note that the internal diagonal coordinating the pair of corner point of the cube is a translation path for the half dimensional frames embedded in the respective pair of corner point of the cube (the ends point of the diagonals)

35. Hyper cube 3

Hyper cube 3 is the representative regular body of 3-space as a set up of four folds (1-space as dimension fold, 2-space as boundary fold, 3-space as domain fold and 4-space as origin fold. It is blissful to take note that cube is hyper cube 3.

36. Four folds manifestation layer (1, 2, 3, 4)

Cube / hyper cube 3, as such as designated as a four folds manifestation layers of quadruples values (1, 2, 3, 4).

37. Linear order transcendence range (1, 2, 3, 4, 5)

A step ahead, the values range (1, 2, 3, 4, 5) is a transcendence range of linear order of five folds of which first four folds are the four folds manifestation layer and fifth fold is the base fold (base of origin fold).

38. Different roles of 3-space

It would be blissful to take note that 3-space as domain fold plays the different roles as dimension fold, boundary fold, domain fold, origin fold and base fold, format fold and unity state fold.

39. 3-space as domain fold

3-space plays the role of domain fold of hyper cube 3, the four fold manifestation layer (1, 2, 3, 4).

40. 3-space as origin fold

3-space plays the role of origin fold of hyper cube 2, the four folds manifestation layer (0, 1, 2, 3).

41. 3-space as base fold

3-space plays the role of base fold of transcendence range (-1, 0, 1, 2, 3).

42. 3-space as format

3-space plays the role of format fold of (-2, -1, 0, 1, 2, 3).

43. 3-space as unity state

3-space plays the role of unity state range (-3, -2, -1, 0, 1, 2, 3).

44. 3-space as solid boundary

3-space plays the role of solid boundary of hyper cube 4 (2, 3, 4, 5).

45. 3-space as solid dimension

3-space plays the role of solid dimension of hyper cube 5 (3, 4, 5, 6).

46. Cube within a cube

It would be blissful to visit a cube within a cube. The inner cube is going to be of the set up of 3-space content along, while the out cube is a synthetic set up of quadruple space contents of (1, 2, 3 and 4-space together).

47. Static cube / Dynamic cube

A cube fixed within a 3 dimensional frame is a static cube in reference to its 3 dimensional frame. However the same acquire a degree of freedom of motion in four and higher dimensional frames.

48. Synthesis of cubes

The split of cube into eight sub cubes, and synthesis of eight sub cubes deserves to be chased to acquire proper insight about the split and synthesis phenomenon of cubes.

It would be blissful to take note that the cube is a structural set up of 27 components namely (8 corner points, 12 edges, 6 surfaces and 1 volume) however the surface plate, a square is a structural set up of 9 components (4 corner points, 4 boundary lines and 1 area). With synthesis of two cubes, the structural component of one of the surface plates, will go and un-manifests. It is this feature which deserves to be chased to acquire proper insight about the split of cube into eight sub cubes, and also about the synthesis of eight cubes as a synthetic cube.



VEDIC MATHEMATICS

1. Vedic Mathematics
2. 3-space mathematics course
3. Recaptualation Of Values Of Previous Year Learning Of Arithmetic, Alegeba And Geometry
4. 3-space arithmetic
5. Source sutra and source upsutra
6. Nine numeral range
7. Ten and six place value systems
- 8.

LESSON-1

VEDIC MATHEMATICS

1. Vedic Mathematics is the basis base mathematics of Vedic systems of pure and applied values of Vedic knowledge.
2. Vedic knowledge reached us organization as four Vedas namely, 'Rig Ved, Yajur Ved, Sam Ved and Athrav Ved'.
3. First three Vedas Rig Ved, Yajur Ved and Sam Ved, are designated as Tri-Vidya. Tri-Vidya is approached in terms of the values of Athrav Ved.
4. Each Ved as its Up-Ved. The Up-Ved of Rig Ved is Ayur Up-Ved. The Up-Ved of Yajur Ved is Dhanur Up-Ved.
5. The Up-Ved of Sam Ved is Gandharv Up-Ved. And the Up-Ved of Arthrav Ved is Sathapatya Up-Ved.
6. Athrav Ved is approached in terms of the values of Sathapatya Up-Ved.
7. Manasare (essence of measures) is the scripture of Sathapatya Up-Ved.
8. Manasare (essence of measure) preserves the processing-format of Vedic knowledge being the Sathapatya measuring rod.
9. Lord Vishnu, the over lord of real 6-space is the presiding deity of Sathapatya measuring rod.
10. Lord Brahma, the over lord of real 4-space, is the presiding deity of the measure of Sathapatya measuring rod.
11. Sathapatya measuring rod format the transcendence flow path f transcendental domain (5-space domain), presided by lord Shiv, the over lord of 5-space.
12. Trinity of Gods (lord Brahma, lord Shiv, and lord Vishnu) create, sustain & preserve, as well as dissolve & recreate our Tri-loki (3-space existence phenomenon).
13. The present 4 year Vedic Mathematics course aims to educate about the mathematics of quadruple spaces values, namely of 3-space, 4-space , 5-space and 6-space. in that sequence and order.
14. 3-space existence phenomenon is of the features and values of the format of interval (1-space body), square (2-space body) and cube (3-space body) with in cube being hyper cube the representative regular body of 3-space within 4-space.
15. 4-space is the creator the space. It is a spatial dimensional order space, while 3-space is a linear order space.
16. 5-space is the transcendence space. It is sealed at origin of 4-space.
17. 5-space is a solid dimensional order space.
18. 6-space is a self referral space. It is sealed at origin of 5-space.
19. 6-space is a creative dimensional order space (4-space in the role of dimension of 6-space).
20. Hyper cube3, hyper cube 4, hyper cube 5 and hyper cube 6 are the manifested set up of the representative regular bodies of (3, 4, 5, 6) within 4-space (Creator's space).
21. Hyper cubes 3, 4, 5, and 6 are four folds manifestation layers:
 - (i) Hyper cube 3 as four folds manifestation layer parallel to quadruples value (1, 2, 3, 4).

- (ii) Hyper cube 4 as four folds manifestation layer parallel to quadruples value (2, 3, 4, 5).
 - (iii) Hyper cube 5 as four folds manifestation layer parallel to quadruples value (3, 4, 5, 6).
 - (iv) Hyper cube 6 as four folds manifestation layer parallel to quadruples value (4, 5, 6, 7).
22. The above quadruple manifestation layers get organized as 4x4 matrix format / grid as under:

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

23. It would be blissful to take note that $(1+2+3+4) = 10$, $(2+3+4+5) = 14$, $(3+4+5+6) = 18$ and $(4+5+6+7) = 22$, together lead to grand summation value $(10+14+18+22) = 64 = (4+5+6+7+8) + (4) + (8+7+6+5+4)$, which is a synthesis value of a pair of five folds transcendence ranges (4, 5, 6, 7, 8) and (4, 5, 6, 7, 8) of creative dimensional order (4-space) in the role of dimension of 6-space.
24. Further is also would be relevant to take note that 4 folds manifestation layers (3, 4, 5, 6) of hyper cube 5, the representative regular of 5-space has roles of 3-space as dimension, 4-space as boundary, 5-space as domain and 6-space as origin, and that way Tri-loki (3-space) and Tri-murti (4, 5, 6) spaces, together make a transcendental existence phenomenon of real 5-space.
25. As such, during 4 years course of Vedic Mathematics, we shall be sequential educating ourselves the values of 3-space mathematics in class 9, values of 4-space mathematics in class 10, values of 5-space mathematics in class 11 and values of 6-space mathematics in class 12.
26. This blissful course shall be blissfully leading to enlightenment about our existence phenomenon within our solar universe. And on the foundation, we shall be exploring further the Vedic knowledge domain. ■

LESSON 2

3-SPACE MATHEMATICS COURSE

1. During this year the focus is to remain upon 3-space mathematics.
2. This focus, as such is going to be of consenting attention upon the structural set up of cube as representative regular bodies of 3-space.
3. This shall be bringing us face to face with the internal and external structural features of cube as hyper cube 4, being a four folds manifestation layer of quadruples values (1, 2, 3, 4) / (1-space as dimension, 2-space as boundary, 3-space as domain and 4-space as origin).

4. Linear order dimensional frame of 3 linear axes, spatial boundary of 6 components, solid domain of 8 sub cubes and creative origin of spatial dimensional order.
5. Take off from the spatial boundary and transcendence through the spatial order origin, as such shall be bringing us face to face with the simultaneously permissible outward and inward expansion.
6. Synthesis of linear dimension and split of solid domain as well are going to be chase during this year course.



LESSON – 3

RECAPTUALATION OF VALUES OF PREVIOUS YEAR LEARNING OF ARITHMETIC, ALEGEBA AND GEOMETRY

1. Arithmetic operation on algebraic and geometric format as per the rules of Ganita Sutras and upsutras are as such have been a focus of previous year learning of Vedic Mathematics.
2. During four years course of Vedic Mathematics, focus is to remain upon 3, 4, 5 and 6-spaces formats.
3. This focus as such is going to be centered around the mathematics of space permitting approach in terms of linear, spatial, solid and creative order dimensional frames of 3, 4, 5 and 6 dimensions respectively.
4. During this year focus is to be primarily remain upon the mathematics of 3-space approached in terms of a dimensional frame of 3 linear axes.
5. This set up as such shall be bringing us face to face with cube as hyper cube 3 being the representative regular body of 3-space.
6. Sphere is another representative regular body of 3-space.
7. During previous years of concentration upon the solid bodies have been upon different features of solids, while here the focus is to remain upon the synthetic set up of cube as hyper cube 3 as the synthesis of four distinct folds as linear dimension, spatial boundary, solid domain and creative origin.
8. This shall be bringing us face to face with the artifices of numbers and dimensional frames running parallel to each other.

9. Time focus during these four years of Vedic Mathematics is to be upon artifices of numbers values 3, 4, 5 and 6 and parallel to it upon the dimensional frames of 3, 4, 5 and 6-spaces.
10. It shall further be bringing us face to face with the range of dimensional spaces 1 to 9, and parallel to it is going to be focus upon value of numbers 1 to 9, in their roles as 9 numeral ranges of 10 place values systems of format of creative boundary of ten components of the transcendental domain (4-space as boundary of 10 components of 5-space).
11. Exposure to some features of the working rule of the Ganita Sutra and upsutras as well is going to be there during this year course. It would amounts to approaching arithmetic operation of fresh. There for proper appreciation, it would be desirable one shall recapitulate a learning of Vedic Mathematics during previous year of primary and middle classes.



LESSON – 04

3-SPACE ARITHMETIC

16. 3-Space is a linear order space.
17. Linear order structures a dimensional frame of 3 linear axis for approaching space.
18. Space within a dimensional frame of 3 linear axes is designated as 3-space.
19. Space content within a 3 dimensional frame is designated as 3-Space content.
20. 3-Space content manifests as domain fold of 3-Space bodies.
21. Linear order manifests a linear measure for coverage of 3-space domain.
22. Cube is the representative regular body of 3-Space.
23. Volume of the cube is the measure value of 3-space domain fold of cube.
24. Value of volume as measure feature of domain of 3-space body is reached at in terms of linear measure supplied by linear dimensions (dimension fold of 3-space bodies).
25. It is this feature of volume accepting approach for its value in terms of linear measure of dimensions makes arithmetic of 3-space (and mathematics of 3-Space) being of a linear order arithmetic (mathematics).
26. linear order mathematics means the mathematics of '1 as 1'.
27. Here it would be relevant to take note that spatial order (2-space as dimension) is a mathematics of '2 as 1' and '1 as 2'.
28. A step ahead, solid order mathematics (3-Space as dimension) is a mathematics of '3 as 1 and 1 as 3'. Also here are added features of 2 as 3 and 3 as 2 as well.
29. Like that Vedic Systems also sequentially chase creative order Mathematics (4-Space as dimension) accepting '4 as 1 and 1 as 4', with the added features of 4 as 3 and 3 as 4, as well as 4 as 2 and 2 as 4.
30. Sequentially, step by step Vedic systems also workout transcendental order mathematics (5-space as dimension), self referral order mathematics (6-Space as dimension), unity order mathematics (7-Space as dimension), natural state mathematics (8-Space as dimension) and Brahman order mathematics (9-Space as dimension).
31. During this year, focus is going to be upon linear order 3-space mathematics.
32. It is essentially, for the present is going to be a chase of 3-space with cube as its representative regular body.
33. Sphere is also a representative regular body of 3-space.
34. Ganita Sutra 1, the source Sutra, and Ganita Upsutra 1 (source upsutra), together will help work out the organizational structural set ups of other 3-space bodies as well.
35. However, here in this year course, the prime focus is restricted uptill the organizational structural set up of cube.
36. Let us revisit the structural set up of cube and appreciate its organizational format as of 8 corner points, 12 edges, 6 surfaces, 1 volume, 3 axes and 1 origin together making a set up of 31 structural components
37. It is the ten directional display of the volume, remaining integrated in terms of four internal diagonals and 3 axes which as such will help us appreciate the role of 10 place value system and of 7 as the biggest prime of 9 numerals range which otherwise gets classified as of four primes namely (2, 3, 5, 7).

38. One shall visit and revisit the structural set up of cube, as well as one as visit and revisit the range of 9 numerals of 10 place value system.
39. One shall specifically and with pointed attention to visit and revisit the internal structural set up of volume part of cube in reference to a three dimensional frame super imposed upon the seat of center of the cube, and further in reference to the special base for each of triple axes. Further one shall also appreciate the spatial base for the quadruple diagonal of the cube.
40. In addition, one shall further have appreciation of the geometric envelope of volume stitched of structural components consisting of 8 corner points, 12 edges, and 6 surfaces.
41. Volume (1^3) together with its geometric envelopes of value ($6A^2$), 12 edges of ($12A^1$) and of 8 edges (of value $8A^0$) together make a value $A^3 + A^2 + 12A + 8 = (X + 2)^3$
42. It would be relevant to note that lead to grand value of entire structural set up of its volume, as well as of its geometric binding $27 = 3^3$
43. It is feature of this grand value which deserve to be comprehended fully. with it full to have its through imbibing for acquiring = insight appropriate and to attain appropriate enlightenment of the linear order mathematics arithmetic on geometric format.
44. It would be blissful to take note that NVF (CUBE)
45. It would further be blissful to take note that TCV (एक) = 8 = 2^3 = TCV (त्रय)



Lesson – 05
Source Sutra and Source Upsutra

1. Ganita Sutra 1 (Ekadhikena Purvena) is the source sutra and Ganita Upsutra 1 (Anurupyena) is the source upsutra.

Ganita Sutra-1 एकाधिकेन पूर्वेण

SN	1	2	3	4	5	6	7	8	9
Letter	ए	क्	आ	ध्	ठ	क्	ए	न्	अ
TCV	6	1	2	7	2	1	6	8	1
SN	10	11	12	13	14	15	16		
Letter	प्	उ	र्	व्	ए	ण्	अ		
TCV	5	6	3	7	6	7	1		

Upsutra – 1 आनुरूप्ये

SN	1	2	3	4	5	6	7	8	9	10
Letter	आ	न्	ड	र्	ऊ	प्	य्	ए	ण्	ट
TCV	2	8	3	3	6	5	1	6	7	1

2. Simple English Rendering of the working rule of Ganita Sutra 1 (Ekadhikena Purvena) is 'one more than before', and the simple English rendering of the working rule of Ganita Upsutra 1 (Anurupyena) is 'to follow values proportionally'.
3. Ganita Sutra 1 leads to 'sequential ordering' of values of numbers and formats of bodies. And Ganita Upsutra 1 settles the rule of symmetry as of 'steps of following the forms as are framed'.

4. 'Sequential ordering of values of numbers and of geometric formats of bodies', and 'the steps of structural organization of forms as are framed', together lead to the processing steps of Vedic systems steps, including that of Vedic Mathematics, in general, and Vedic arithmetic, in particular.
5. Ganita Sutra 1 and Ganita Upsutra 1, together are the source values of processing steps of Vedic Mathematics.
6. The working rule 'one more than before' of Ganita Sutra 1, helps us reach numbers values sequence '1, 2, 3, 4, ----', and the emerging sequential ordering format of these values, with the help of the working rule of proportionately symmetrical values sequence, leads to the sequentially repeated values steps, bringing us face to face with:
 - (i) 'one, two, three, four, ---
 - (ii) 'single, double, triple, quadruple, ---
 - (iii) 'first, second, third, fourth, ---
 - (iv) 'firstly, secondly, thirdly, fourthly, ---
 - (v) '(one), (one and two), (one, two and three), (one, two, three and four),----
 - (vi) (1, 1+2, 1+2+3, 1+2+3+4, ---) and
 (1, 1 x 2, 1 x 2 x 3, 1 x 2 x 3 x 4---), and like that
 1, 2, 3, 4, 5, ---
 2, 3, 4, 5, 6, ---
 3, 4, 5, 6, 7, ---
 4, 5, 6, 7, 8, ---
 -- -- -- --
 - (vii) (point, line, surface, solid, hyper solid 4, hyper solid-5, hyper solid-6, ---)
 - (viii) (0-space body, 1-space body, 2-space body, 3-space body, 4-Space body, ---)
 - (ix) (0-space, 1-space, 2-Space, 3-Space, 4-Space, ---
 - (x) (single dimension, double dimensions, triple dimensions, quadruple dimensions, --
--
 - (xi) (first axis, second axis, third axis, fourth axis,---
 - (xii) (linear order, spatial order, solid order, creative order, ----
 - (xiii) Liner boundary, spatial boundary, solid boundary, creative boundary,---
 - (xiv) Length, area, volume, hyper volume-4, hyper volume-5,---
 - (xv) Linear origin, spatial origin, solid origin, creative origin, ---
 - (xvi) Single variable, double variable, triple variable, quadruple variable, ----
 - (xvii) Linear equations, quadratic equations, cubic equations, creative power equations,

 - (xviii) 1 x 1 grid, 2 x 2 grid, 3 x 3 grid, 4 x 4 grid, ---
 - (xix) 1, 1 x 1, 1 x 1 x 1, 1 x 1 x 1, ----
 - (xx) 1/1, 1/2, 1/3, 1/4, 1/5, ---
7. Ganita Sutra 1 and Ganita Upsutra 1, together further bring us face to face with very rich spectrum of domains reach, illustratively
 - (i) Interval as $(x+2)^1$, Square as $(x+2)^2$, Cube as $(x+2)^3$, ---

- (ii) Total choices from (1, 2, 3, 4, ---n) for summation value n is 2^{n-1} for values of n = 1, 2, 3, 4, --- n, n + 1, ---.
- (iii) Triangle, Rectangle, Pentagon, Hexagon, ---
- (iv) Interval has two end points, square as four boundary lines, cube has six surface plates, hyper cube 4 has solid boundary of eight components, hyper cube 5 has creative boundary of ten components, ---.
- (v) Interval as one space body as dimensional frame of single dimension, Square as two space body as dimensional frame of two dimension, Cube as three space body as dimensional frame of three dimension, ----
- (vi) (-1 space plays the role of dimension of 1-space), (0-space plays the role of dimension of 2-space), (1-space plays the role of dimension of 3-space), ----
- (vii) Interval is hyper cube 1 of four folds (-1 space, 0 space, 1 space, 2 space); Square is hyper cube 2 of four folds (0 space, 1 space, 2 space, 3 space); Cube is hyper cube 3 of four folds (1 space, 2 space, 3 space, 4 space); ----
- (viii) 1 as 1 leads to (1, 2, 3, 4, ---), 2 as 1 leads to (2, 4, 6, 8, ---), 3 as 1 leads to (3, 6, 9, 12, ---), ----
- (ix) Right angle triangles (3, 4, 5), (6, 8, 10), (9, 12, 15), ----
- (x) Right angle triangles (3, 4, 5), (5, 12, 13), (13, 10, 17), ---
8. Ganita Sutra 1 and Ganita Sutra 2 together lead to Ganita Sutra 2 and Ganita Upsutra 2 of values formats ten place value system, and all other place value systems.
9. Ganita Sutra 1 and Ganita Sutra 2 lead to association of values for alphabet letters A to Z as
- A = 1, B = 2, C = 3, D = 4, E = 5, F = 6,
 G = 7, H = 8, I = 9, J = 10, K = 11, L = 12,
 M = 13, N = 14, O = 15, P = 16, Q = 17, R = 18,
 S = 19, T = 20, U = 21, V = 22, W = 23, X = 24
 Y = 25, Z = 26.
- These associated values 1 to 26 of alphabet letters A to Z, in that sequence and order may be taken as the numbers values formats (NVFs) of the alphabet letters. It may be expressed as NVF (A) = 1, NVF (B) = 2, --- NVF (Z) = 26,
10. Further Ganita Sutra 1 and Ganita Upsutra 1 will help us reach at the association of following values with different groups of letters of Devnagri alphabet, to be designated as transcendental code values of these letters.

***Devnagri* alphabet format**
 Transcendental code values format

Vowels

Letter	अ इ उ ऋ लृ ए ओ ऐ औ
TCV values	1 2 3 4 5 6 7 8 9

Consonants

Letters	क	ख	ग	घ	ङ
TCV values	1	2	3	4	5

Letters	च	छ	ज	झ	ञ
TCV values	2	3	4	5	6

Letters	ट	ठ	ड	ढ	ण
TCV values	3	4	5	6	7

Letters	त	थ	द	ध	न
TCV values	4	5	6	7	8

Letters	प	फ	ब	भ	म
TCV values	5	6	7	8	9

Other letters

Letters	य	व	र	ल
TCV values	1	3	5	7

Letters	श	स	ष	ह
TCV values	2	3	6	9

Letters	•	◌̣	◌̤	◌̥	:	◌̦	◌̧	◌̨
TCV values	9	10	11	12	13	14	15	16

Thy synonym is *Parnava*.

(Tasey Vachka Parnava) प्रणवः

TCV value (प्रणवः) = 36

11. It would be a blissful exercise to sequentially reach at the transcendental code values of the letters of the text of Ganita Sutra 1 of reach as follows :

Ganita Sutra-1 एकाधिकेन पूर्वेण

1	2	3	4	5	6	7	8	9
ए	क्	टा	ध्	इ	क्	ए	न्	अ
10	11	12	13	14	15	16		
प्	ड	र्	व्	ए	ण्	ट		

12. It would further be a blissful exercise to sequentially reach at the transcendental code values of the letters of the text of Ganita Upsutra 1 of reach as follows :

Upsutra – 1 आनुरूप्ये

1	2	3	4	5	6	7	8	9	10
आ	न्	उ	र्	ऊ	प्	य्	ए	ण्	अ

■

LESSON-6

NINE NUMERALS RANGE

1. Numbers values (1, 2, 3, 4, 5, 6, 7, 8, 9) play the role of nine numerals range of ten place value system.
2. Numbers (1, 2, 3, 4, 5, 6, 7, 8, 9) are single digit numbers of ten place value system itself.
3. These nine numbers (1, 2, 3, 4, 5, 6, 7, 8, 9) become double digits numbers of expression (01, 02, 03, 04, 05, 06, 07, 08, 09) total double digit numbers of ten place value system are 'ninety-nine', namely (01, 02, 03, 04, 05, ..., 96, 97, 98, 99).
4. Numbers values (1, 2, 3, 4, 5, 6, 7, 8, 9) also permit expression as triple digit numbers, as (001, 002, 003, 004, 005, 006, 007, 008 and 009).
5. Total triple digits numbers of ten place value system are 'nine hundred and ninety nine', namely (001, 002, 003, 004, 005,, 995, 996, 997, 998 and 999).
6. The double digits numbers are accommodated by 9x11 grid / matrix as:

01	02	03	04	05	06	07	08	09	10	11	12	13
	14	15	16	17	18							
19	20	21	22	23	24	25	26	27	28	29	30	31
	32	33	34	35	36							
37	38	39	40	41	42	43	44	45				
46	47	48	49	50	51	52	53	54				
55	56	57	58	59	60	61	62	63				
64	65	66	67	68	69	70	71	72				
73	74	75	76	77	78	79	80	81				
82	83	84	85	86	87	88	89	90				
91	92	93	94	95	96	97	98	99				

7. The triple digits numbers (001 to 999) are accommodated by 27x31 grid / matrix.
8. The triple digits numbers (001 to 999) are also accommodated by 9x111 grid / matrix.
9. Of nine single digits numbers, number '6' is the only perfect number as that the proper divisors of number '6' namely of 1, 2, 3 are of summation value $6 = 1+2+3$.
10. Of the double digits numbers, (01 to 99), there is a pair of perfect numbers namely (6, 28), as that the proper divisors of number 28 namely (1, 2, 4, 7, 14) are also of summation value $28 = (1+2+4+7+14)$.
11. Of triple digits numbers (001 to 999), there is a range of triple perfect numbers (6, 28, 496) as that the proper divisors of 496 namely (1, 2, 4, 8, 16, 31, 62, 124, 248) are of summation value $496 = (1 + 2 + 4 + 8 + 16 + 31 + 62 + 124 + 248)$.
12. Of single digits numbers range 1 to 9, the primes range is of numbers (2, 3, 5, 7).

13. Of double digits numbers range (01 to 99) the primes range of numbers is (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97).
14. It would be blissful exercise to reach at primes of the range of triple digit numbers 001 to 999.
15. One way to reach at primes is to approach in a sequential order of following steps:
 - (i) Let known given prime is (P).
 - (ii) Compute value (P^2).
 - (iii) The primes of numbers values range P to P^2 can be worked out by striking the composites of the range P to P^2 with the help of the primes of numbers range 1 to P.
16. Illustratively let $P = 2$ and $P^2 = 4$ will help us reach at prime P of the range 2 to 4.
17. Now let $P = 3$ and $P^2 = 9$. The primes of the range 3 to 9 can be reach at by striking out the composites of the range 3 to 9 with the help of primes of the range 1 to 3. The primes of range 1 to 3 namely 2 and 3 will help us strike out 4, 6 and 8 of the range 3 to 9 and that way we will be reaching at primes 5 and 7 of the range 3 to 9.
18. It would be blissful to take note that primes of the range 1 to 3, help us reach at the primes of the whole range 1 to 9.
19. Further, the primes of the range 1 to 10 help us reach at primes of the range 1 to 100.
20. Here, it would be relevant to take note that 3 is the biggest prime of the range of numbers 1 to 3.
21. The prime 7 is the biggest prime of the range of numbers 1 to 10.
22. A step ahead, prime $P = 31$, as the biggest prime will help us reach at primes of the whole range of numbers 001 to 999 with the help of primes of the range of numbers 1 to 31, namely, in terms of primes (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31).
23. Here it would be blissful to take note that primes of the number range 1 to 9 can be worked out with the help of a pair of prime (2, 3).
24. Further the primes of the range of numbers 01 to 99 can be worked out with the help of primes (2, 3, 5, 7) and primes of the numbers range 001 to 999 can be worked out in terms of primes (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31).
25. Of this range of 11 primes, namely (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31), the pair of primes (2, 5) help us strike out all even numbers and all numbers with first digit being '5'.
26. As such, the reach exercise for primes of the range of numbers 001 to 999 will remain the exercise of striking out of composite numbers in terms of 9 primes (3, 7, 11, 13, 17, 19, 23, 29, 31).
27. One shall tabulate all the primes of the numbers range 001 to 999.
28. Further one shall reach at the uniqueness of each of the 9 numerals of ten place value system.
29. It will help us glimpse as that:
 - (i) '1' is unique being the first numeral
 - (ii) '2' is unique being the first prime, and also being the only even prime.
 - (iii) '3' is unique, as it is the first odd prime.

- (iv) '4' is unique as it is the first composite number and further as that, it accepts organization as: $(2+2) = (2 \times 2) = (-2) \times (-2)$, and still further lead to the organization $2^4 = 4^2$.
 - (v) '5' is unique, as it is the middle placement of 9 numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9). Here it also would be relevant to take note that '3' is the middle placement of five numerals range (1, 2, 3, 4, 5) of 6 place value system.
 - (vi) '6' is unique, as it is the first perfect number as that the sum of proper divisors (1, 2, 3) of 6 is $1+2+3 = 6$. Still further as that it is the unique perfect number, as much as that, $6 = (1+2+3) = (1 \times 2 \times 3) = 2 \times 3 = (-2) \times (-3)$.
 - (vii) '7' is unique as it is the biggest prime of 9 numerals range.
 - (viii) '8' is unique, as it is cube of the only even prime $8 = 2^3$. With it, 2^3 becomes the first prime cube of the cubes sequence ($1^3, 2^3, 3^3, 4^3, \dots$).
 - (ix) '9' is unique, as it is the last numeral of 9 numerals range. Further $9 = 3^2$ and $8 = 2^3$ leads to vertical reflection pairing of $(3^2, 2^3)$ with first pair of primes (2, 3) swapping their places at base and index.
30. The values of 9 numerals (1, 2, 3, 4, 5, 6, 7, 8, 9) lead us to parallel range of dimensional spaces (1-space, 2-space, 3-space, 4-space, 5-space, 6-space, 7-space, 8-space and 9-space).
 31. It would be blissful to glimpse the parallel features and values of numeral 1 as of 1 artifice and 1-space as of a dimensional frame of single dimension.
 32. A step ahead, it would further be blissful to glimpse numeral 2 as an organization of a pair of artifices, parallel to it their being 2-space of a pair of dimensions.
 33. Likewise one shall sequentially glimpse numerals 3, 4, 5, 6, 7, 8, 9 as organizations of artifices 3, 4, 5, 6, 7, 8, 9, parallel to it their being 3, 4, 5, 6, 7, 8, spaces of dimensional frames, of 3, 4, 5, 6, 7, 8, 9 dimensions.
 34. A step ahead, it would be blissful to glimpse parallel features of numeral 1 of artifice 1, and of 1-space and its body that is interval.
 35. A step ahead, one shall glimpse parallel feature and values of numeral 2 of pair of artifices and of 2-space and its body that is square and surfaces.
 36. Still further, one shall glimpse parallel features and values of numeral 3 of triple artifices, and of 3-space and its body that is cube and solids.
 37. It would further be a blissful exercise to glimpse 6, the first perfect number accepts 3 proper divisors with prime 3 being the biggest proper prime divisor.
 38. A step ahead, one shall glimpse 28 as the second the perfect number accepting 5 proper divisors (1, 2, 4, 7, 14) and 7 being the biggest proper prime divisor.
 39. A step further ahead, one shall glimpse 496 as the third perfect number accepting 9 proper divisors (1, 2, 4, 8, 16, 31, 62, 124, 248) with 31 as the biggest prime proper divisor.
 40. It would further be blissful to glimpse triple perfect numbers (6, 28, 496) respectively accepting number of proper divisors triple (3, 5, 9). One may have a pause here and take note that numeral 5 is of middle placement of 9 numerals range of ten place value system, while numerals 3 is the middle placement of 5 numerals range of 6 place value systems.

41. It would further be very blissful to take note that the biggest proper prime divisor (3, 7, 31) of triple perfect numbers (6, 28, 496) are the triple features of 'cube, the representative regular body of 3-space, as much as that:
- (i) Cube / 3-space as 3 dimensions.
 - (ii) Cube has 7 version parallel to 7 geometries of 3-space.
 - (iii) Cube is a structural set up of 31 components namely (a) 8 corner points (b) 12 edges (c) 6 surfaces (d) 1 volume (e) 3 axes and (f) 1 origin, all being of $(8+12+6+1+3+1) = 31$ structural components.
42. It also would be blissful to take note that 'C' as the third letter, 'U' as the 21st letter, 'B' as the second letter, 'E' as the fifth letter lead us to placement value summations as $3+21+2+5 = 31$. ■

LESSON-7

TEN AND SIX PLACE VALUE SYSTEMS

1. Ganita Sutra 1 EKADHIKEN PURVENA (one more than before) is the source Ganita Sutra.
2. Ganita Upsutra 1 ANURUPYENA (follow the form as it is framed / proposality / follow symmetry) is the source Ganita Upsutra.
3. These 'source sutra and source upsutra' together with Ganita Sutra 2 NIKHILAM NAVATASCARAMAM DASATAH (all from 9 and last from 10) settle ten place value system and all other place value systems.

Ganita Sutra-2 निखिलं नवतश्चरमं दशतः

SN	1	2	3	4	5	6	7	8	9	10
Letter	न्	इ	ख्	इ	ल्	ट	।	न्	अ	व्
TCV	8	2	2	2	5	1	9	8	1	7
SN	11	12	13	14	15	16	17	18	19	20
Letter	ट	त्	ट	श्	च्	ट	श्	ट	म्	अ
TCV	1	4	1	2	2	1	3	1	9	1
SN	21	22	23	24	25	26	27	28		
Letter	।	द्	ट	श्	अ	त्	अ	:		
TCV	9	2	1	2	1	4	1	13		

4. In general, along X place value system of numerals values ($a_0, a_1, a_2, a_3, \dots$) number value (N) gets formatted in algebraic equation expression as:
$$N = (a_0x^0 + a_1x^1 + a_2x^2 + a_3x^3 + \dots + a_nx^n)$$
X as ten place value system of 9 numerals range), and X as six place value system of 6 numerals range will accordingly lead to respective algebraic equation expression for number value N along ten place value system and six place value system respectively.
5. Illustratively number value N = 125 (of ten place value system) shall be accepting algebraic equation expression as:
$$N = 5(10)^0 + 2(10)^1 + 1(10)^2.$$
6. This value along six place value system will accept algebraic expression as under:
$$N = 5(6)^0 + 2(6)^1 + 3(6)^2.$$

7. It would be a blissful exercise to revisit number value expression (125) along ten place format leading to algebraic expression for $N = 125$ of ten place value system as under:

$$N = 5(10)^0 + 2(10)^1 + 1(10)^2.$$
8. Further, it would be blissful to visit number value expression 325 as expression of six place value system as of following expression:

$$M = 5(6)^0 + 2(6)^1 + 3(6)^2.$$
9. It would be a blissful exercise to convert $M = 325$ of six place value system into $N = 125$ of ten place value system, and vice versa conversion of $N = 125$ of ten place value system into $M = 325$ of six place value system.
10. It would be a blissful to work out conversion like above with respect to other number value expression of ten place value system into six place value system, and also to have conversion of numbers values of six place value systems into that of ten place value system.
11. It also would be perfecting insight about the values expressions along different place value systems by focusing upon the total double digit numbers organization of ten place value system and six place value system.
12. The double digit number of ten place value system in terms of numerals (1, 2, 3, 4, 5, 6, 7, 8, 9) get accommodated along 9x11 grid zones / matrix as under:

01	02	03	04	05	06	07	08	09	10	11	12	13
	14	15	16	17	18							
19	20	21	22	23	24	25	26	27	28	29	30	31
	32	33	34	35	36							
37	38	39	40	41	42	43	44	45				
46	47	48	49	50	51	52	53	54				
55	56	57	58	59	60	61	62	63				
64	65	66	67	68	69	70	71	72				
73	74	75	76	77	78	79	80	81				
82	83	84	85	86	87	88	89	90				
91	92	93	94	95	96	97	98	99				

13. It would be a blissful to take note that the above organization accepts split as upper part and lower part along the diagonal of values (10, 20, 30, 40, 50, 60, 70, 80, 90).
14. It would be a blissful that the upper part accepts diagonal line of numbers values (11, 22, 33, 44) as a mirror line as that the placements of values on both sides of the said diagonal constitute reflection pair like (01, 10), (02, 20), (12, 21), ..., (45, 54).
15. Likewise the lower part as well makes its diagonal line (55, 66, 77, 88, 99) as a mirror line.

16. This organization, as such accepts in embedding of mirror of features of artifices of numbers and same deserves to be glimpsed and imbibed fully to acquire proper insight and to attain appropriate enlightenment about the artifices of values of numbers being availed by Vedic mathematical processing systems.
17. The organization of double digit numbers of six place value system in terms of numeral range 1, 2, 3, 4, 5 is of following features and values as under as organization of 5x7 grid zone / matrix:

01	02	03	04	05
10	11	12	13	14
15	20	21	22	23
24	25	30	31	32
33	34	35	40	41
42	43	44	45	50
51	52	53	54	55

18. It would be a blissful exercise to glimpse, appreciate and to imbibe the features and values of above organization format of double digit number of six place value system.
19. It would further be blissful exercise to glimpse and to have comparative appreciation of features and values of organizations of double digit numbers of 10 place value systems and 6 place value system along 9 x 11 and 5x7 grid zones /matrixes in terms of numeral range (1, 2, 3, 4, 5, 6, 7, 8, 9) and (1, 2, 3, 4, 5).
20. It would be blissful to glimpse and appreciate and to imbibe the values and features of numbers (1, 2, 3, 4, 5) as numerals of ten place value system and also numerals of 6 place value systems.
21. In particular it would be very blissful to glimpse distinguishing values of double digit number 10 of ten place value systems and of the same being of six place value system.
22. Here in this organization, the role of value 'zero' deserves to be properly appreciated, in the context of all place value system.
23. It would be a blissful exercise to organize all 001 to 999, triple digit numbers in ten place value system as 9x111 grid zones.
24. Further as $1000 = 5 \times 200$, as such the organization along 5x200 grid format will help us appreciate the values 1 to 1000 of ten place value system range along 6 place value system of 5x200 grid zones leading to number value '1000 of 6 place value system leading us to value $6^3 = 216$ of 10 place value system.
25. It is this feature of value 1000 of ten place value system is being to getting reduce to value 216 along ten place value system deserves to be comprehended fully for its complete appreciate to acquire proper insight and appropriate enlightenment about of expression of along difference place value system.
26. For facility of revisit for its appreciation the organization of numbers values range 1 to 1000 of ten place value system is tabulated here as under as it is accommodated 9x111 grid zone format.

01	02	03	04	05	06	07	08	09	10	11	12	13
	14	15	16	17	18							
19	20	21	22	23	24	25	26	27	28	29	30	31
	32	33	34	35	36							
37	38	39	40	41	42	43	44	45				
46	47	48	49	50	51	52	53	54				
55	56	57	58	59	60	61	62	63				
64	65	66	67	68	69	70	71	72				
73	74	75	76	77	78	79	80	81				
82	83	84	85	86	87	88	89	90				
91	92	93	94	95	96	97	98	99				
100	101	102	103	014	105	106	107	108				
109	110	111	112	113	114	115	116	117				
118	119	120	121	122	123	124	125	126				
127	128	129	130	131	132	133	134	135				
136	137	138	139	140	141	142	143	144				
145	146	147	148	149	150	151	152	153				
154	155	156	157	158	159	160	161	162				
163	164	165	166	167	168	169	170	171				
172	173	174	175	176	177	178	179	180				
181	182	183	184	185	186	187	188	189				
190	191	192	193	194	195	196	197	198				
199	200	201	202	203	204	205	206	207				
208	209	210	211	212	213	214	215	216				
217	218	219	220	221	222	223	224	225				
226	227	228	229	230	231	232	232	234				
235	236	237	238	239	240	241	242	243				
244	245	246	247	248	249	250	251	252				
253	254	255	256	257	258	259	260	261				
262	263	264	265	266	267	268	269	270				
271	272	273	274	275	276	277	278	279				
280	281	282	283	284	285	286	287	288				
289	290	291	292	293	294	295	296	297				
298	299	300	301	302	303	304	305	306	307	308	309	310
	311	312	313	314	315	316	317	318	319	320	321	322
	323	324	325	326	327	328	329	330	331	332	333	334
	335	336	337	338	339	340	341	342	343	344	345	346
	347	348	349	350	351	352	353	354	355	356	357	358

359 360 361 362 363 364 365 366 367 368 369 370
371 372 373 374 375 376 377 378 379 380 381 382
383 384 385 386 387 388 389 390 391 392 393 394
395 396 397 398 399 400 401 402 403 404 405 406
407 408 409 410 411 412 413 414 415 416 417 418
419 420 421 422 423 424 425 426 427 428 429 430
431 432 433 434 435 436 437 438 439 440 441 442
443 444 445 446 447 448 449 450 451 452 453 454
455 456 457 458 459 460 461 462 463 464 465 466
467 468 469 470 471 472 473 474 475 476 477 478
479 480 481 482 483 484 485 486 487 488 489 490
491 492 493 494 495 496 497 498 499 500 501 502
503 504 505 506 507 508 509 510 511 512 513 514
515 516 517 518 519 520 521 522 523 524 525 526
527 528 529 530 531 532 533 534 535 536 537 538
539 540 541 542 543 544 545 546 547 548 549 550
551 552 553 554 555 556 557 558 559 560 561 562
563 564 565 566 567 568 569 570 571 572 573 574
575 576 577 578 579 580 581 582 583 584 585 586
587 588 589 590 591 592 593 594 595 596 597 598
599 600 601 602 603 604 605 606 607 608 609 610
611 612 613 614 615 616 617 618 619 620 621 622
623 624 625 626 627 628 629 630 631 632 633 634
635 636 637 638 639 640 641 642 643 644 645 646
647 648 649 650 651 652 653 654 655 656 657 658
659 660 661 662 663 664 665 666 667 668 669 670
671 672 673 674 675 676 677 678 679 680 681 682
683 684 685 686 687 688 689 690 691 692 693 694
695 696 697 698 699 700 701 702 703 704 705 706
707 708 709 710 711 712 713 714 715 716 717 718
719 720 721 722 723 724 725 726 727 728 729 730
731 732 733 734 735 736 737 738 739 740 741 742
743 744 745 746 747 748 749 750 751 752 753 754
755 756 757 758 759 760 761 762 763 764 765 766
767 768 769 770 771 772 773 774 775 776 777 778
779 780 781 782 783 784 785 786 787 788 789 790
791 792 793 794 795 796 797 798 799 800 801 802
803 804 805 806 807 808 809 810 811 812 813 814

815 816 817 818 819 820 821 822 823 824 825 826
827 828 829 830 831 832 833 834 835 836 837 838
839 840 841 842 843 844 845 846 847 848 849 850
851 852 853 854 855 856 857 858 859 860 861 862
863 864 865 866 867 868 869 870 871 872 873 874
875 876 877 878 879 880 881 882 883 884 885 886
887 888 889 890 891 892 893 894 895 896 897 898
899 900
901 902 903 904 905 906 907 908 909 910 911 912 913
914 915 916 917 918
919 920 921 922 923 924 925 926 927 928 929 930 931
932 933 934 935 936
937 938 939 940 941 942 943 944 945
946 947 948 949 950 951 952 953 954
955 956 957 958 959 960 961 962 963
964 965 966 967 968 969 970 971 972
973 974 975 976 977 978 979 980 981
982 983 984 985 986 987 988 989 990
991 992 993 994 995 996 997 998 999
1000

001	002	003	004	005
010	011	012	013	014
015	020	021	022	023
024	025	030	031	032
033	034	035	040	041
042	043	044	045	050
051	052	053	054	055
100	101	102	103	104
105	110	111	112	113
114	115	120	121	122
123	124	125	130	131
132	133	134	135	140
141	142	143	144	145
150	151	152	153	154
155	200	201	202	203
204	205	210	211	212
213	214	215	220	221
222	223	224	225	230
231	232	233	234	235
240	241	242	243	244
245	250	251	252	253
254	255	300	301	302
303	304	305	310	311
312	313	314	315	320
321	322	323	324	325
330	331	332	333	334
335	340	341	342	343
344	345	350	351	352
353	354	355	400	401
402	403	404	405	410
411	412	413	414	415
420	421	422	423	424
425	430	431	432	433
434	435	440	441	442
443	444	445	450	451
452	453	454	455	500
501	502	503	504	505
510	511	512	513	514

515	520	521	522	523
524	525	530	531	532
533	534	535	540	541
542	543	544	545	550
551	552	553	554	555
1000				



Arithmetic tables

Table 1 factors 1 to 1000

Table 2 factors uptill 1000

Factors of 1 to 1000

1	1	1	1	1
2	2	1	2	1
3	3	1	3	1
4	2x2	2	5	1
5	5	1	6	1
6	2x3	2	8	1
7	7	1	9	1
8	2x2x2	3	12	1
9	3x3	2	14	1
10	2x5	2	16	1
11	11	1	17	1
12	2x2x3	3	20	1
13	13	1	21	1
14	2x7	2	23	1
15	3x5	2	25	1
16	2x2x2x2x	4	29	1
17	17	1	30	1
18	2x3x3	3	33	1
19	19	1	34	1
20	2x2x5	3	37	1
21	3x7	2	39	1
22	2x11	2	41	1
23	23	1	42	1
24	2x2x2x3	4	46	1
25	5x5	2	48	1
26	2x13	2	50	1
27	3x3x3	3	53	1

28	$2 \times 2 \times 7$	3	56	1
29	29	1	57	1
30	$2 \times 3 \times 5$	3	60	1
31	31	1	61	1
32	$2 \times 2 \times 2 \times 2 \times 2$	5	66	1
33	3×11	2	68	1
34	2×17	2	70	1
35	5×7	2	72	1
36	$2 \times 2 \times 3 \times 3$	4	76	1
37	37	1	77	1
38	2×19	2	79	1
39	3×13	2	81	1
40	$2 \times 2 \times 2 \times 5$	4	85	1
41	41	1	86	1
42	$2 \times 3 \times 7$	3	89	1
43	43	1	90	1
44	$2 \times 2 \times 11$	3	93	1
45	$3 \times 3 \times 5$	3	96	1
46	2×23	2	98	1
47	47	1	99	1
48	$2 \times 2 \times 2 \times 2 \times 3$	5	104	1
49	7×7	2	106	1
50	$2 \times 5 \times 5$	3	109	1
51	3×17	2	111	1
52	$2 \times 2 \times 13$	3	114	1
53	53	1	115	1
54	$2 \times 3 \times 3 \times 3$	4	119	1
55	5×11	2	121	1
56	$2 \times 2 \times 2 \times 7$	4	125	1
57	3×19	2	127	1

58	2x29	2	129	1
59	59	1	130	1
60	2x2x3x5	4	134	1
61	61	1	135	1
62	2x31	2	137	1
63	3x3x7	3	140	1
64	2x2x2x2x2x2	6	146	1
65	5x13	2	148	1
66	2x3x11	3	151	1
67	67	1	152	1
68	2x2x17	3	155	1
69	3x23	2	157	1
70	2x5x7	3	160	1
71	71	1	161	1
72	2x2x2x3x3	5	166	1
73	73	1	167	1
74	2x37	2	169	1
75	3x5x5	3	172	1
76	2x2x19	3	175	1
77	7x11	2	177	1
78	2x3x13	3	180	1
79	79	1	181	1
80	2x2x2x2x5	5	186	1
81	3x3x3x3	4	190	1
82	2x41	2	192	1
83	83	1	193	1
84	2x2x3x7	4	197	1
85	5x17	2	199	1
86	2x43	2	201	1
87	3x29	2	203	1

88	$2 \times 2 \times 2 \times 11$	4	207	1
89	89	1	208	1
90	$2 \times 3 \times 3 \times 5$	4	212	1
91	7×13	2	214	1
92	$2 \times 2 \times 23$	3	217	1
93	3×31	2	219	1
94	2×47	2	221	1
95	5×19	2	223	1
96	$2 \times 2 \times 2 \times 2 \times 2 \times 3$	6	229	1
97	97	1	230	1
98	$2 \times 7 \times 7$	3	233	1
99	$3 \times 3 \times 11$	3	236	1
100	$2 \times 2 \times 5 \times 5$	4	240	1

101	101	1	241	1
102	2x3x17	3	244	1
103	103	1	245	1
104	2x2x2x13	4	249	1
105	3x5x7	3	252	1
106	2x5 ³	2	254	1
107	107	1	255	1
108	2x2x3x3x3	5	260	1
109	109	1	261	1
110	2x5x11	3	264	1
111	3x3 ⁷	2	266	1
112	2x2x2x2x7	5	271	1
113	113	1	272	1
114	2x3x19	3	275	1
115	5x2 ³	2	277	1
116	2x2x2 ⁹	3	280	1
117	3x3x13	3	283	1
118	2x5 ⁹	2	285	1
119	7x1 ⁷	2	287	1
120	2x2x2x3x5	5	292	1
121	11x1 ¹	2	294	1
122	2x6 ¹	2	296	1
123	3x4 ¹	2	298	1
124	2x2x3 ¹	3	301	1
125	5x5x5	3	304	1
126	2x3x3x7	4	308	1
127	127	1	309	1
128	2x2x2x2x2x2x2	7	316	1
129	3x4 ³	2	318	1
130	2x5x1 ³	3	321	1

131	131	1	322	1
132	2x2x3x11	4	326	1
133	7x19	2	328	1
134	2x67	2	330	1
135	3x3x3x5	4	334	1
136	2x2x2x17	4	338	1
137	137	1	339	1
138	2x3x23	3	342	1
139	139	1	343	1
140	2x2x5x7	4	347	1
141	3x47	2	349	1
142	2x71	2	351	1
143	11x13	2	353	1
144	2x2x2x2x3x3	6	359	1
145	5x29	2	361	1
146	2x73	2	363	1
147	3x7x7	3	366	1
148	2x2x37	3	369	1
149	149	1	370	1
150	2x3x5x5	4	374	1
151	151	1	375	1
152	2x2x2x19	4	379	1
153	3x3x17	3	382	1
154	2x7x11	3	385	1
155	5x31	2	387	1
156	2x2x3x13	4	391	1
157	157	1	392	1
158	2x79	2	394	1
159	3x53	2	396	1
160	2x2x2x2x2x5	6	402	1

161	7x23	2	404	1
162	2x3x3x3x3	5	409	1
163	163	1	410	1
164	2x2x41	3	413	1
165	3x5x11	3	416	1
166	2x83	2	418	1
167	167	1	419	1
168	2x2x2x3x7	5	424	1
169	13x13	2	426	1
170	2x5x17	3	429	2
171	3x3x19	3	432	2
172	2x2x43	3	435	2
173	173	1	436	2
174	2x3x29	3	439	2
175	5x5x7	3	442	2
176	2x2x2x2x11	5	447	2
177	3x59	2	449	2
178	2x89	2	451	2
179	179	1	452	2
180	2x2x3x3x5	5	457	2
181	181	1	458	2
182	2x7x13	3	461	2
183	3x61	2	463	2
184	2x2x2x23	4	467	2
185	5x37	2	469	2
186	2x3x31	3	472	2
187	11x17	2	474	2
188	2x2x47	3	477	2
189	3x3x3x7	4	481	2
190	2x5x19	3	484	2

191	191	1	485	2
192	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3$	7	492	2
193	193	1	493	2
194	2×97	2	495	2
195	$3 \times 5 \times 13$	3	498	2
196	$2 \times 2 \times 7 \times 7$	4	502	2
197	197	1	503	2
198	$2 \times 3 \times 3 \times 11$	4	507	2
199	199	1	508	2
200	$2 \times 2 \times 2 \times 5 \times 5$	5	513	2

201	3x67	2	515	2
202	2x101	2	517	2
203	7x29	2	519	2
204	2x2x3x17	4	523	2
205	5x41	2	525	2
206	2x103	2	527	2
207	3x3x23	3	530	2
208	2x2x2x2x13	5	535	2
209	11x19	2	537	2
210	2x3x5x7	4	541	2
211	211	1	542	2
212	2x2x53	3	545	2
213	3x71	2	547	2
214	2x107	2	549	2
215	5x43	2	551	2
216	2x2x2x3x3x3	6	557	2
217	7x31	2	559	2
218	2x109	2	561	2
219	3x73	2	563	2
220	2x2x5x11	4	567	2
221	13x17	2	569	2
222	2x3x37	3	572	2
223	223	1	573	2
224	2x2x2x2x2x7	6	579	2
225	3x3x5x5	4	583	2
226	2x113	2	585	2
227	227	1	586	2
228	2x2x3x19	4	590	2
229	229	1	591	2
230	2x5x23	3	594	2

231	$3 \times 7 \times 11$	3	597	2
232	$2 \times 2 \times 2 \times 29$	4	601	2
233	233	1	602	2
234	$2 \times 3 \times 3 \times 13$	4	606	2
235	5×47	2	608	2
236	$2 \times 2 \times 59$	3	611	2
237	3×79	2	613	2
238	$2 \times 7 \times 17$	3	616	2
239	239	1	617	2
240	$2 \times 2 \times 2 \times 2 \times 3 \times 5$	6	623	2
241	241	1	624	2
242	$2 \times 11 \times 11$	3	627	2
243	$3 \times 3 \times 3 \times 3 \times 3$	5	632	2
244	$2 \times 2 \times 61$	3	635	2
245	$5 \times 7 \times 7$	3	638	2
246	$2 \times 3 \times 41$	3	641	2
247	13×19	2	643	2
248	$2 \times 2 \times 2 \times 31$	4	647	2
249	3×83	2	649	2
250	$2 \times 5 \times 5 \times 5$	4	653	2
251	251	1	654	2
252	$2 \times 2 \times 3 \times 3 \times 7$	5	659	2
253	11×23	2	661	2
254	2×127	2	663	2
255	$3 \times 5 \times 17$	3	666	2
256	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$	8	674	2
257	257	1	675	2
258	$2 \times 3 \times 43$	3	678	2
259	7×37	2	680	2
260	$2 \times 2 \times 5 \times 13$	4	684	2

261	3x3x29	3	687	2
262	2x131	2	689	2
263	263	1	690	2
264	2x2x2x3x11	5	695	2
265	5x53	2	697	2
266	2x7x19	3	700	2
267	3x89	2	702	2
268	2x2x67	3	705	2
269	269	1	706	2
270	2x3x3x3x5	5	711	2
271	271	1	712	2
272	2x2x2x2x17	5	717	2
273	3x7x13	3	720	2
274	2x137	2	722	2
275	5x5x11	3	725	2
276	2x2x3x23	4	729	2
277	277	1	730	2
278	2x139	2	732	2
279	3x3x31	3	735	2
280	2x2x2x5x7	5	740	2
281	281	1	741	2
282	2x3x47	3	744	2
283	283	1	745	2
284	2x2x71	3	748	2
285	3x5x19	3	751	2
286	2x11x13	3	754	2
287	7x41	2	756	2
288	2x2x2x2x2x3x3	7	763	2
289	17x17	2	765	2
290	2x5x29	3	768	2

291	3×97	2	770	2
292	$2 \times 2 \times 73$	3	773	2
293	293	1	774	2
294	$2 \times 3 \times 7 \times 7$	4	778	2
295	5×59	2	780	2
296	$2 \times 2 \times 2 \times 37$	4	784	2
297	$3 \times 3 \times 3 \times 11$	4	788	2
298	2×149	2	790	2
299	13×23	2	792	2
300	$2 \times 2 \times 3 \times 5 \times 5$	5	797	2

301	7x43	2	799	2
302	2x151	2	801	2
303	3x101	2	803	2
304	2x2x2x2x19	5	808	2
305	5x61	2	810	2
306	2x3x3x17	4	814	2
307	307	1	815	2
308	2x2x7x11	4	819	2
309	3x103	2	821	2
310	2x5x31	3	824	2
311	311	1	825	2
312	2x2x2x3x13	5	830	2
313	313	1	831	2
314	2x157	2	833	2
315	3x3x5x7	4	837	2
316	2x2x79	3	840	2
317	317	1	841	2
318	2x3x53	3	844	2
319	11x29	2	846	2
320	2x2x2x2x2x2x5	7	853	2
321	3x107	2	855	2
322	2x7x23	3	858	2
323	17x19	2	860	2
324	2x2x3x3x3x3	6	866	2
325	5x5x13	3	869	2
326	2x163	2	871	2
327	3x109	2	873	2
328	2x2x2x41	4	877	2
329	7x47	2	879	2
330	2x3x5x11	4	883	2

331	331	1	884	2
332	2x2x83	3	887	2
333	3x3x37	3	890	2
334	2x167	2	892	2
335	5x67	2	894	2
336	2x2x2x2x3x7	6	900	2
337	337	1	901	2
338	2x13x13	3	904	2
339	3x113	2	906	2
340	2x2x5x17	4	910	2
341	11x31	2	912	2
342	2x3x3x19	4	916	2
343	7x7x7	3	919	2
344	2x2x2x43	4	923	2
345	3x5x23	3	926	2
346	2x173	2	928	2
347	347	1	929	2
348	2x2x3x29	4	933	2
349	349	1	934	2
350	2x5x5x7	4	938	2
351	3x3x3x13	4	942	2
352	2x2x2x2x2x11	6	948	2
353	353	1	949	2
354	2x3x59	3	952	2
355	5x71	2	954	2
356	2x2x89	3	957	2
357	3x7x17	3	960	2
358	2x179	2	962	2
359	359	1	963	2
360	2x2x2x3x3x5	6	969	2

361	19x19	2	971	2
362	2x181	2	973	2
363	3x11x11	3	976	2
364	2x2x7x13	4	980	2
365	5x73	2	982	2
366	2x3x61	3	985	2
367	367	1	986	2
368	2x2x2x2x23	5	991	2
369	3x123	2	993	2
370	2x5x37	3	996	2
371	7x53	2	998	2
372	2x2x3x31	4	1002	2
373	373	1	1003	2
374	2x11x17	3	1006	2
375	3x5x5x5	4	1010	2
376	2x2x2x47	4	1014	2
377	13x29	2	1016	2
378	2x3x3x3x7	5	1021	2
379	379	1	1022	2
380	2x2x5x19	4	1026	2
381	3x127	2	1028	2
382	2x191	2	1030	2
383	383	1	1031	2
384	2x2x2x2x2x2x2x3	8	1039	2
385	5x7x11	3	1042	2
386	2x193	2	1044	2
387	3x3x43	3	1047	2
388	2x2x97	3	1050	2
389	389	1	1051	2
390	2x3x5x13	4	1055	2

391	17×23	2	1057	2
392	$2 \times 2 \times 2 \times 7 \times 7$	5	1062	2
393	3×131	2	1064	2
394	2×197	2	1066	2
395	5×79	2	1068	2
396	$2 \times 2 \times 3 \times 3 \times 11$	5	1073	2
397	397	1	1074	2
398	2×199	2	1076	2
399	$3 \times 7 \times 19$	3	1079	2
400	$2 \times 2 \times 2 \times 2 \times 5 \times 5$	6	1085	2

401	401	1	1086	2
402	$2 \times 3 \times 67$	3	1089	2
403	13×31	2	1091	2
404	$2 \times 2 \times 101$	3	1094	2
405	$3 \times 3 \times 3 \times 3 \times 5$	5	1099	2
406	$2 \times 7 \times 29$	3	1102	2
407	11×37	2	1104	2
408	$2 \times 2 \times 2 \times 3 \times 17$	5	1109	2
409	409	1	1110	2
410	$2 \times 5 \times 41$	3	1113	2
411	3×137	2	1115	2
412	$2 \times 2 \times 103$	3	1118	2
413	7×59	2	1120	2
414	$2 \times 3 \times 3 \times 23$	4	1124	2
415	5×83	2	1126	2
416	$2 \times 2 \times 2 \times 2 \times 13$	6	1132	2
417	3×139	2	1134	2
418	$2 \times 11 \times 19$	3	1137	2
419	419	1	1138	2
420	$2 \times 2 \times 3 \times 5 \times 7$	5	1143	2
421	421	1	1144	2
422	2×211	2	1146	2
423	3×141	2	1148	2
424	$2 \times 2 \times 2 \times 53$	4	1152	2
425	$5 \times 5 \times 17$	3	1155	2
426	$2 \times 3 \times 71$	3	1158	2
427	7×61	2	1160	2
428	$2 \times 2 \times 107$	3	1163	2
429	$3 \times 11 \times 13$	3	1166	2
430	$2 \times 5 \times 43$	3	1169	2

431	431	1	1170	2
432	$2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3$	7	1177	2
433	433	1	1178	2
434	$2 \times 7 \times 31$	3	1181	2
435	$3 \times 5 \times 29$	3	1184	2
436	$2 \times 2 \times 109$	3	1187	2
437	19×23	2	1189	2
438	$2 \times 3 \times 73$	3	1192	2
439	439	1	1193	2
440	$2 \times 2 \times 2 \times 5 \times 11$	5	1198	2
441	$3 \times 3 \times 7 \times 7$	4	1202	2
442	$2 \times 13 \times 17$	3	1205	2
443	443	1	1206	2
444	$2 \times 2 \times 3 \times 37$	4	1210	2
445	5×89	2	1212	2
446	2×223	2	1214	2
447	3×149	2	1216	2
448	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 7$	7	1223	2
449	449	1	1224	2
450	$2 \times 3 \times 3 \times 5 \times 5$	5	1229	2
451	11×41	2	1231	2
452	$2 \times 2 \times 113$	3	1234	2
453	3×151	2	1236	2
454	2×227	2	1238	2
455	$5 \times 7 \times 13$	3	1241	2
456	$2 \times 2 \times 2 \times 3 \times 19$	5	1246	2
457	457	1	1247	2
458	2×229	2	1249	2
459	$3 \times 3 \times 3 \times 17$	4	1253	2
460	$2 \times 2 \times 5 \times 23$	4	1257	2

461	461	1	1258	2
462	2x3x7x11	4	1262	2
463	463	1	1263	2
464	2x2x2x2x29	5	1268	2
465	3x5x31	3	1271	2
466	2x233	2	1273	2
467	467	1	1274	2
468	2x2x3x3x13	5	1279	2
469	7x67	2	1281	2
470	2x5x47	3	1284	2
471	3x157	2	1286	2
472	2x2x2x59	4	1290	2
473	11x43	2	1292	2
474	2x3x79	3	1295	2
475	5x5x19	3	1298	3
476	2x2x7x17	4	1302	3
477	3x159	2	1304	3
478	2x239	2	1306	3
479	479	1	1307	3
480	2x2x2x2x2x3x5	7	1314	3
481	13x37	2	1316	3
482	2x241	2	1318	3
483	3x7x23	3	1321	3
484	2x2x11x11	4	1325	3
485	5x97	2	1327	3
486	2x3x3x3x3x3	6	1333	3
487	487	1	1334	3
488	2x2x2x61	4	1338	3
489	3x163	2	1340	3
490	2x5x7x7	4	1344	3

491	491	1	1345	3
492	2x2x3x41	4	1349	3
493	17x29	2	1351	3
494	2x13x19	3	1354	3
495	3x3x5x11	4	1358	3
496	2x2x2x2x31	5	1363	3
497	7x71	2	1365	3
498	2x3x83	3	1368	3
499	499	1	1369	3
500	2x2x5x5x5	5	1374	3

501	3x167	2	1376	3
502	2x251	2	1378	3
503	503	1	1379	3
504	2x2x2x3x3x7	6	1385	3
505	5x101	2	1387	3
506	2x11x23	3	1390	3
507	3x13x13	3	1393	3
508	2x2x127	3	1396	3
509	509	1	1397	3
510	2x3x5x17	4	1401	3
511	7x73	2	1403	3
512	2x2x2x2x2x2x2x2x2	9	1412	3
513	3x3x3x19	4	1416	3
514	2x257	2	1418	3
515	5x103	2	1420	3
516	2x2x3x43	4	1424	3
517	11x47	2	1426	3
518	2x7x37	3	1429	3
519	3x173	2	1431	3
520	2x2x2x5x13	5	1436	3
521	521	1	1437	3
522	2x3x3x29	4	1441	3
523	523	1	1442	3
524	2x2x131	3	1445	3
525	3x5x5x7	4	1449	3
526	2x263	2	1451	3
527	17x31	2	1453	3
528	2x2x2x2x3x11	6	1459	3
529	23x23	2	1461	3
530	2x5x53	3	1464	3

531	3x177	2	1466	3
532	2x2x7x19	4	1470	3
533	13x41	2	1472	3
534	2x3x89	3	1475	3
535	5x107	2	1477	3
536	2x2x2x67	4	1481	3
537	3x179	2	1483	3
538	2x269	2	1485	3
539	7x7x11	3	1488	3
540	2x2x3x3x3x5	6	1494	3
541	541	1	1495	3
542	2x271	2	1497	3
543	3x181	2	1499	3
544	2x2x2x2x2x17	6	1505	3
545	5x109	2	1507	3
546	2x3x7x13	4	1511	3
547	547	1	1512	3
548	2x2x137	3	1515	3
549	3x3x61	3	1518	3
550	2x5x5x11	4	1522	3
551	19x29	2	1524	3
552	2x2x2x3x23	5	1529	3
553	7x79	2	1531	3
554	2x277	2	1533	3
555	3x5x37	3	1536	3
556	2x2x139	3	1539	3
557	557	1	1540	3
558	2x3x3x31	4	1544	3
559	13x43	2	1546	3
560	2x2x2x2x5x7	6	1552	3

561	3x11x17	3	1555	3
562	2x281	2	1557	3
563	563	1	1558	3
564	2x2x3x47	4	1562	3
565	5x113	2	1564	3
566	2x283	2	1566	3
567	3x3x3x3x7	5	1571	3
568	2x2x2x71	4	1575	3
569	569	1	1576	3
570	2x3x5x19	4	1580	3
571	571	1	1581	3
572	2x2x11x13	4	1585	3
573	3x191	2	1587	3
574	2x7x41	3	1590	3
575	5x5x23	3	1593	3
576	2x2x2x2x2x2x3x3	8	1601	3
577	577	1	1602	3
578	2x17x17	3	1605	3
579	3x193	2	1607	3
580	2x2x5x29	4	1611	3
581	7x83	2	1613	3
582	2x3x97	3	1616	3
583	11x53	2	1618	3
584	2x2x2x73	4	1622	3
585	3x3x5x13	4	1626	3
586	2x293	2	1628	3
587	587	1	1629	3
588	2x2x3x7x7	5	1634	3
589	19x31	2	1636	3
590	2x5x59	3	1639	3

591	3×197	2	1641	3
592	$2 \times 2 \times 2 \times 2 \times 37$	5	1646	3
593	593	1	1647	3
594	$2 \times 3 \times 3 \times 3 \times 11$	5	1652	3
595	$5 \times 7 \times 17$	3	1655	3
596	$2 \times 2 \times 149$	3	1658	3
597	$3 \times 3 \times 3 \times 11$	4	1662	3
598	$2 \times 13 \times 23$	3	1665	3
599	599	1	1666	3
600	$2 \times 2 \times 2 \times 3 \times 5 \times 5$	6	1672	3

601	601	1	1673	3
602	2x7x43	3	1676	3
603	3x201	2	1678	3
604	2x2x151	3	1681	3
605	5x11x11	3	1684	3
606	2x3x101	3	1687	3
607	607	1	1688	3
608	2x2x2x2x2x19	6	1694	3
609	3x7x29	3	1697	3
610	2x5x61	3	1700	3
611	13x47	2	1702	3
612	2x2x3x3x17	5	1707	3
613	613	1	1708	3
614	2x307	2	1710	3
615	3x5x41	3	1713	3
616	2x2x2x7x11	5	1718	3
617	617	1	1719	3
618	2x3x103	3	1722	3
619	619	1	1723	3
620	2x2x5x31	4	1727	3
621	3x3x3x23	4	1731	3
622	2x311	2	1733	3
623	7x89	2	1735	3
624	2x2x2x2x3x13	6	1741	3
625	5x5x5x5	4	1745	3
626	2x313	2	1747	3
627	3x11x19	3	1750	3
628	2x2x157	3	1753	3
629	17x37	2	1755	3
630	2x3x3x5x7	5	1760	3

631	631	1	1761	3
632	2x2x2x79	4	1765	3
633	3x211	2	1767	3
634	2x317	2	1769	3
635	5x127	2	1771	3
636	2x2x3x53	4	1775	3
637	7x7x13	3	1778	3
638	2x11x29	3	1781	3
639	3x3x71	3	1784	3
640	2x2x2x2x2x2x2x5	8	1792	3
641	641	1	1793	3
642	2x3x107	3	1796	3
643	643	1	1797	3
644	2x2x7x23	4	1801	3
645	3x5x43	3	1804	3
646	2x17x19	3	1807	3
647	647	1	1808	3
648	2x2x2x3x3x3x3	7	1815	3
649	11x59	2	1817	3
650	2x5x5x13	4	1821	3
651	3x7x31	3	1824	3
652	2x2x163	3	1827	3
653	653	1	1828	3
654	2x3x109	3	1831	3
655	5x131	2	1833	3
656	2x2x2x2x41	5	1838	3
657	3x3x73	3	1841	3
658	2x7x47	3	1844	3
659	659	1	1845	3
660	2x2x3x5x11	5	1850	3

661	661	1	1851	3
662	2x331	2	1853	3
663	3x13x17	3	1856	3
664	2x2x2x83	4	1860	3
665	5x7x19	3	1863	3
666	2x3x3x37	4	1867	3
667	23x29	2	1869	3
668	2x2x167	3	1872	3
669	3x223	2	1874	3
670	2x5x67	3	1877	3
671	11x61	2	1879	3
672	2x2x2x2x2x3x7	7	1886	3
673	673	1	1887	3
674	2x3x79	3	1890	3
675	3x3x3x5x5	5	1895	3
676	2x2x13x13	4	1899	3
677	677	1	1900	3
678	2x3x113	3	1903	3
679	7x97	2	1905	3
680	2x2x2x5x17	5	1910	3
681	3x227	2	1912	3
682	2x11x31	3	1915	3
683	683	1	1916	3
684	2x2x3x3x19	5	1921	3
685	5x137	2	1923	3
686	2x7x7x7	4	1927	3
687	3x229	2	1929	3
688	2x2x2x2x43	5	1934	3
689	13x53	2	1936	3
690	2x3x5x23	4	1940	3

691	691	1	1941	3
692	$2 \times 2 \times 173$	3	1944	3
693	$3 \times 3 \times 7 \times 11$	4	1948	3
694	2×347	2	1950	3
695	5×139	2	1952	3
696	$2 \times 2 \times 2 \times 3 \times 29$	5	1957	3
697	17×41	2	1959	3
698	2×349	2	1961	3
699	3×233	2	1963	3
700	$2 \times 2 \times 5 \times 5 \times 7$	5	1968	3

701	701	1	1969	3
702	2x3x3x3x13	5	1974	3
703	19x37	2	1976	3
704	2x2x2x2x2x2x11	7	1983	3
705	3x5x47	3	1986	3
706	2x353	2	1988	3
707	7x101	2	1990	3
708	2x2x3x59	4	1994	3
709	709	1	1995	3
710	2x5x71	3	1998	3
711	3x3x79	3	2001	3
712	2x2x2x89	4	2005	3
713	23x31	2	2007	3
714	2x3x7x17	4	2011	3
715	5x11x13	3	2014	4
716	2x2x179	3	2017	4
717	3x239	2	2019	4
718	2x359	2	2021	4
719	719	1	2022	4
720	2x2x2x2x3x3x5	7	2029	4
721	7x103	2	2031	4
722	2x19x19	3	2034	4
723	3x241	2	2036	4
724	2x2x181	3	2039	4
725	5x5x29	3	2042	4
726	2x3x11x11	4	2046	4
727	727	1	2047	4
728	2x2x2x7x13	5	2052	4
729	2x3x3x3x3x3	6	2058	4
730	2x5x73	3	2061	4

731	17x43	2	2063	4
732	2x2x3x61	4	2067	4
733	733	1	2068	4
734	2x367	2	2070	4
735	3x5x7x7	4	2074	4
736	2x2x2x2x2x23	6	2080	4
737	11x67	2	2082	4
738	2x3x3x41	4	2086	4
739	739	1	2087	4
740	2x2x5x37	4	2091	4
741	3x13x19	3	2094	4
742	2x7x53	3	2097	4
743	743	1	2098	4
744	2x2x2x3x31	5	2103	4
745	5x149	2	2105	4
746	2x373	2	2107	4
747	3x3x83	3	2110	4
748	2x2x11x17	4	2114	4
749	7x107	2	2116	4
750	2x3x5x5x5	5	2121	4
751	751	1	2122	4
752	2x2x2x2x47	5	2127	4
753	3x251	2	2129	4
754	2x13x29	3	2132	4
755	5x151	2	2134	4
756	2x2x3x3x3x7	6	2140	4
757	757	1	2141	4
758	2x379	2	2143	4
759	3x11x23	3	2146	4
760	2x2x2x5x19	5	2151	4

761	761	1	2152	4
762	2x3x127	3	2155	4
763	7x109	2	2157	4
764	2x2x191	3	2160	4
765	3x3x5x17	4	2164	4
766	2x383	2	2166	4
767	13x59	2	2168	4
768	2x2x2x2x2x2x2x2x3	9	2177	4
769	769	1	2178	4
770	2x5x7x11	4	2182	4
771	3x257	2	2184	4
772	2x2x193	3	2187	4
773	773	1	2188	4
774	2x3x3x43	4	2192	4
775	5x5x31	3	2195	4
776	2x2x2x97	4	2199	4
777	3x7x37	3	2202	4
778	2x389	2	2204	4
779	19x41	2	2206	4
780	2x2x3x5x13	5	2211	4
781	11x71	2	2213	4
782	2x17x23	3	2216	4
783	3x3x3x29	4	2220	4
784	2x2x2x2x7x7	6	2226	4
785	5x157	2	2228	4
786	2x3x131	3	2231	4
787	787	1	2232	4
788	2x2x197	3	2235	4
789	3x263	2	2237	4
790	2x5x79	3	2240	4

791	7×113	2	2242	4
792	$2 \times 2 \times 2 \times 3 \times 3 \times 11$	6	2248	4
793	13×61	2	2250	4
794	2×397	2	2252	4
795	$3 \times 5 \times 53$	3	2255	4
796	$2 \times 2 \times 199$	3	2258	4
797	797	1	2259	4
798	$2 \times 3 \times 7 \times 19$	4	2263	4
799	17×47	2	2265	4
800	$2 \times 2 \times 2 \times 2 \times 2 \times 5 \times 5$	7	2272	4

801	3x3x89	3	2275	4
802	2x401	2	2277	4
803	11x73	2	2279	4
804	2x2x3x67	4	2283	4
805	5x7x23	3	2286	4
806	2x13x31	3	2289	4
807	3x269	2	2291	4
808	2x2x2x101	4	2295	4
809	809	1	2296	4
810	2x3x3x3x3x5	6	2302	4
811	811	1	2303	4
812	2x2x7x29	4	2307	4
813	3x271	2	2309	4
814	2x11x37	3	2312	4
815	5x163	2	2314	4
816	2x2x2x2x3x17	6	2320	4
817	19x43	2	2322	4
818	2x409	2	2324	4
819	3x3x7x13	4	2328	4
820	2x2x5x41	4	2332	4
821	821	1	2333	4
822	2x3x137	3	2336	4
823	823	1	2337	4
824	2x2x2x103	4	2341	4
825	3x5x5x11	4	2345	4
826	2x7x59	3	2348	4
827	827	1	2349	4
828	2x2x3x3x23	5	2354	4
829	829	1	2355	4
830	2x5x83	3	2358	4

831	3x277	2	2360	4
832	2x2x2x2x2x2x13	7	2367	4
833	7x7x17	3	2370	4
834	2x3x139	3	2373	4
835	5x167	2	2375	4
836	2x2x11x19	4	2379	4
837	3x3x3x31	4	2383	4
838	2x419	2	2385	4
839	839	1	2386	4
840	2x2x2x3x5x7	6	2392	4
841	29x29	2	2394	4
842	2x421	2	2396	4
843	3x281	2	2398	4
844	2x2x211	3	2401	4
845	5x13x13	3	2404	4
846	2x3x3x47	4	2408	4
847	7x11x11	3	2411	4
848	2x2x2x2x53	5	2416	4
849	3x283	2	2418	4
850	2x5x5x17	4	2422	4
851	23x37	2	2424	4
852	2x2x3x71	4	2428	4
853	853	1	2429	4
854	2x7x61	3	2432	4
855	3x3x5x19	4	2436	4
856	2x2x2x107	4	2440	4
857	857	1	2441	4
858	2x3x11x13	4	2445	4
859	859	1	2446	4
860	2x2x5x43	4	2450	4

861	3x7x41	3	2453	4
862	2x431	2	2455	4
863	863	1	2456	4
864	2x2x2x2x2x3x3x3	8	2464	4
865	5x173	2	2466	4
866	2x433	2	2468	5
867	3x17x17	3	2471	5
868	2x2x7x31	4	2475	5
869	11x79	2	2477	5
870	2x3x5x29	4	2481	5
871	13x67	2	2483	5
872	2x2x2x109	4	2487	5
873	3x3x97	3	2490	5
874	2x19x23	3	2493	5
875	5x5x5x7	4	2497	5
876	2x2x3x73	4	2501	5
877	877	1	2502	5
878	2x439	2	2504	5
879	3x293	2	2506	5
880	2x2x2x2x5x11	6	2512	5
881	881	1	2513	5
882	2x3x3x7x7	5	2518	5
883	883	1	2519	5
884	2x2x13x17	4	2523	5
885	3x5x59	3	2526	5
886	2x443	2	2528	5
887	887	1	2529	5
888	2x2x2x3x37	5	2534	5
889	7x127	2	2536	5
890	2x5x89	3	2539	5

891	3x3x3x3x11	5	2544	5
892	2x2x223	3	2547	5
893	19x47	2	2549	5
894	2x3x149	3	2552	5
895	5x179	2	2554	5
896	2x2x2x2x2x2x2x7	8	2562	5
897	3x13x23	3	2565	5
898	2x449	2	2567	5
899	29x31	2	2569	5
900	2x2x3x3x5x5	6	2575	5
901	17x53	2	2577	5
902	2x11x41	3	2580	5
903	3x7x43	3	2583	5
904	2x2x2x113	4	2587	5
905	5x181	2	2589	5
906	2x3x151	3	2592	5
907	907	1	2593	5
908	2x2x227	3	2596	5
909	3x3x101	3	2599	5
910	2x5x7x13	4	2603	5
911	911	1	2604	5
912	2x2x2x2x3x19	6	2610	5
913	11x83	2	2612	5
914	2x457	2	2614	5
915	5x183	2	2616	5
916	2x2x229	3	2619	5
917	7x131	2	2621	5
918	2x3x3x3x17	5	2626	5
919	919	1	2627	5
920	2x2x2x5x23	5	2632	5

921	3x307	2	2634	5
922	2x461	2	2636	5
923	13x71	2	2638	5
924	2x2x3x7x11	5	2643	5
925	5x5x37	3	2646	5
926	2x463	2	2648	5
927	3x3x103	3	2651	5
928	2x2x2x2x2x29	6	2657	5
929	929	1	2658	5
930	2x3x5x31	4	2662	5
931	7x7x19	3	2665	5
932	2x2x233	3	2668	5
933	3x311	2	2670	5
934	2x467	2	2672	5
935	5x11x17	3	2675	5
936	2x3x13x13	4	2679	5
937	937	1	2680	5
938	2x7x67	3	2683	5
939	3x313	2	2685	5
940	2x2x5x47	4	2689	5
941	941	1	2690	5
942	2x3x157	3	2693	6
943	23x41	2	2695	6
944	2x2x2x2x59	5	2700	6
945	3x3x3x5x7	5	2705	6
946	2x11x43	3	2708	6
947	947	1	2709	6
948	2x2x3x79	4	2713	6
949	13x73	2	2715	6
950	2x5x5x19	4	2719	6

951	3x317	2	2721	6
952	2x2x2x7x17	5	2726	6
953	953	1	2727	6
954	2x3x3x53	4	2731	6
955	5x191	2	2733	6
956	2x2x239	3	2736	6
957	29x41	2	2738	6
958	2x479	2	2740	6
959	7x137	2	2742	6
960	2x2x2x2x2x2x3x5	8	2750	6
961	31x31	2	2752	6
962	2x13x37	3	2755	6
963	3x3x107	3	2758	6
964	2x2x241	3	2761	6
965	5x193	2	2763	6
966	2x3x7x23	4	2767	6
967	967	1	2768	6
968	2x2x2x11x11	5	2773	6
969	3x17x19	3	2776	6
970	2x5x97	3	2779	6
971	971	1	2780	6
972	2x2x3x3x3x3x3	7	2787	6
973	7x139	2	2789	6
974	2x487	2	2791	6
975	3x5x5x13	4	2795	6
976	2x2x2x2x61	5	2800	6
977	977	1	2801	6
978	2x3x163	3	2804	7
979	11x89	2	2806	7
980	2x2x5x7x7	5	2811	7

981	3x3x109	3	2814	7
982	2x491	2	2816	7
983	983	1	2817	7
984	2x2x2x3x41	5	2822	7
985	5x197	2	2824	7
986	2x17x29	3	2827	7
987	7x141	2	2829	7
988	2x2x13x19	4	2833	7
989	23x43	2	2835	7
990	2x3x3x5x11	5	2840	7
991	991	1	2841	7
992	2x2x2x2x2x31	6	2847	8
993	3x331	2	2849	8
994	2x7x71	3	2852	8
995	5x199	2	2854	8
996	2x2x3x83	4	2858	8
997	997	1	2859	8
998	2x499	2	2861	8
999	3x3x3x37	4	2865	9
1000	2x2x2x5x5x5	6	2871	9

Total Number = 1000

Total factors other than one as a factor = 2871

Primes 168

Organization of value 2871 = 3000-129

Organization of 2871 = 2053+818

Organization of 1000 = $168+832 = 168+818+14$

Power of 31 to 9 = 2 $23 \times 2 = 46$

Power of 8 = 3 49

Power of 7 = 3 52

Power of 6 = 3 55

Power of 5 = 4 59

Power of 4 = 4 63

Power of 3 = 5 68

Power of 2 = 9 77