

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

List 4

Manuscript – 10 Three Space VMS&T-Introductory

### Three Space VMS&T-Introductory

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#### THREE SPACE VMS&T

#### ASPECT 1-INTRODUCTORY

1. Vedic systems work out Mathematics, Sciences & Technologies of each dimensional space distinctively being specific to format, features, values and virtues of the dimensional order of the concerned dimensional space.
2. Of these , quadruple spaces namely ( 3 space, 4 space, 5 space, 6 space) have been specifically worked out and availed as real spaces .
3. Mathematics, Sciences and Technologies of these quadruples spaces have been distinctively worked out and availed by the Vedic systems.
4. Mathematics, Sciences and Technologies of 3 space are of distinct format, features, values and virtues being the same of linear dimensional order.
5. On the other hand, 4 space is of a spatial dimensional order, 5 space is of a solid dimensional order and 6 space is of hyper solid dimensional order and that being so Mathematics, Sciences and Technologies of 4 space , 5 space and 6 space are naturally of distinct formats, features, values and virtues being of spatial , solid and hyper solid dimensional order.
6. Here , the focus is upon Mathematics, Sciences and Technologies of 3 space .
7. As the Mathematics, Sciences and Technologies of 3 space are common dimensional order, namely linear dimensional order, as such the common values base of Mathematics, Sciences and Technologies , as such makes out 3 space Mathematics, Science and Technology.
8. One may have a pause here and permit the transcending mind to distinguishively comprehend and to appreciate as that the discipline of Vedic Mathematics, Science and Technologies of 3 space is distinct than the disciplines of Mathematics, Sciences and Technologies of 3 space.
9. Simultaneously it also would be relevant to take note that as the values base of the discipline of 3 space VMS&T is commonly available for the disciplines of Mathematics, Sciences and Technologies of 3 space as well, as such 3 space VMS&T , that way becomes the core of 3 space Mathematics, as well as of 3 space Sciences, and of 3 space Technologies.
10. However, 3 space Mathematics is of distinct range and domain than that of 3 space VMS&T.
11. Likewise the range and domain of 3 space Sciences are distinct volumes than that of 3 space VMS&T.
12. Further, the ranges and domains of 3 space Technologies as well would be of different volumes than that of 3 space VMS&T.

13. One may have a pause here and be conscious that we are going to focus here on 3 space VMS&T .
14. This focus may give an insight about 3 space Mathematics, 3 space Sciences and 3 space Technologies but nevertheless, the ranges and domain of said disciplines will not remain fully covered during present chase and this chase will only remain confined to core values of all these disciplines.
15. 3 space VMS&T is intimately linked with the linear dimensional order of 3 space.
16. 3 space VMS&T chases 3 space content manifesting as domain fold ( Volume Part) of solids ( 3 space bodies) .
17. With it 3 space content, 3 space bodies, number value 3, emerge as the basic tools for the chase of 3 space VMS&T.
18. These tools helps settle a three dimensional frame of 3 linear dimensions ( Axes) .
19. This takes us to cube and sphere being a pair of representative regular bodies of 3 space which do not distinguish one dimensional axis role over that of the other.
20. This further takes us to common domain boundary ratio formulation as  $a^3$ : is to  $6b^2$ .
21. With it domain ( Volume Part) gets framed with in a three dimensional frame providing spatial boundary envelop for the domain fold of solids ( 3 space bodies).
22. The role of geometric envelop in reference to dimensional frame of 3 space , that way deserves to be comprehended and appreciated to imbibe the features and values of manifestation of 3 space content as domain fold of solids ( 3 space bodies).
23. This further brings to focus the organization feature of the domain fold parallel to the split of cube in to 8 sub cubes which further being parallel to the split of 3 space in to 8 octants.
24. With it comes to focus the distinguishing status of the centre of the cube as seat of origin of 3 dimensional frame where the inner most corner point of all the 8 sub cubes meet.
25. One may sit comfortably and permit the transcending mind to comprehend the collapse of zero volume cube as set of zero volume 8 sub cubes collapsing at centre of the cube.
26. It shall be a blissful exercise to visit and revisit the above features of organization of the domain fold ( Volume Part) of solids ( 3 space bodies).
27. 3 space VMS&T chases the organization of 3 space content lumps manifesting as domain fold and playing different roles like 3 space as domain fold , 3 space as boundary fold, 3 space as origin fold , 3 space as dimension fold and 3 space as base fold.

## ASPECT 2 - STRUCTURAL SET UP OF CUBES

1. Let us revisit the “ Cube”.
2. Its set up brings to focus 8 corner points, 12 edges, 6 surfaces and volume of the cube.
3. With in each of the corner points is embedded a three dimensional frame of half dimensions.
4. This makes corner of the cube as the seat of origin of the dimensional frame.
5. The axis emanating from this origin avail the formats of the 3 edges meeting at the said corner point.
6. We may take it as that the axis of this dimensional frame are oriented inwards
7. One may have a pause here and take note that each edge of the cube, as such becomes the format for the pair of axis emanating from the pair of corner points as end point of the said edge of the cube.
8. One may further have a pause here and take note that each edge as of the format of an interval as a pair of opposite orientations parallel to the orientations of the axis emanating from the pair of corner points as end points of the edge.
9. One may further have a pause here and take note that 8 corner points of the cube permit coordination as quadruple internal diagonals of the cube passing through the centre of the cube.
10. Further with , centre of the cube as origin of a three dimensional frame and triple axis of this dimensional frame coordinating six surface plates of the cube as triple pair of surface plates and each such pair of surface plates getting coordinated by a dimensional axis passing through the centres of the pair of surface plates.
11. One may have a pause here and permit the transcending mind to comprehend and imbibe these structural features of the set up of the cubes.
12. One may further have a pause here and take note that the pair of three dimensional frames of half dimensions embedded in the pair of corner points coordinated by the internal diagonal, as such become the translation format for the pair of three dimensional frame of half dimensions which with their reach for their origins at the centre of the cube shall be synthesizing a three dimensional frame of full dimension.
13. One may have a pause here and take note that this way , in addition to the original three dimensional frame of full dimension at the centre of the cube , there would emerge quadruple more synthesized three dimensional frame of full dimension , which that way makes availability of a set up of five three dimensional frames of full dimensions.
14. One shall sit comfortably and permit the transcending mind to visit and revisit the above phenomenon and emerging structural features of the set up of the cube.
15. One may have a pause here and take note that the imposition of a three dimensional frame with its origin super imposed upon centre of the cube will split the cube in to 8 sub cubes.

16. Further as that the translation of three dimensional frames of half dimension embedded in 8 corner points of the cube shall be synthesizing quadruple three dimensional frames of full dimensions which together with the original three dimensional frame of full dimensions shall be making a set up of five three dimensional frames of full dimensions, which together shall be constituting a solid dimensional frames of five dimensions.
17. It would be a blissful exercise to glimpse the above phenomenon which firstly brings us face to face with centre of the cube being the seat of 4 space as origin of 3 space, and then , a step ahead, it becomes the seat of 5 space as origin of 4 space.
18. One may have a pause here and take note that 5 space is a solid order space and it accepts a solid dimensional frame of 5 solid dimensions.
19. One shall sit comfortably and permit the transcending mind to sequentially chase this format of sequential reach from centre of 3 space to its status as 4 space origin and a step ahead as of the status of the seat of 5 space as origin of 4 space.
20. One may have a pause here and take note that this brings us face to face with the structural feature of the set up of cube as that its centre is the seat of compactified range of origins.
21. It is this phenomenon of centre of cube sequentially acquiring the status of sequentially compactified higher dimensional spaces origins.
22. It is this feature of inward extension by way of transcendence at origin of the dimensional space ( here 3 space) which deserves to be comprehended well and to be appreciated fully for its complete comprehension to acquire deep insight and enlightenment about the structural set up of the cube as representative regular body of 4 space
23. One may further have a pause here and take note that this insight and enlightenment about the structural set up of the cube shall be bringing us face to face with the continuity phenomenon of sequential manifestation along the common format which makes whole range of manifestation as a sequential range of hyper cubes and cube being hyper cube 3
24. It would be a blissful exercise to have transition from the set up of square as hyper cube 2 to cube as set up of hyper cube 3 .
25. A step ahead, it would further be a very blissful exercise to chase transition from the set up of hyper cube 3 to the set up of hyper cube 4.
26. One may have a pause here and take note that hyper cube is a four fold set up designated as four fold manifestation layer.
27. The four folds of four folds manifestation layer are sequentially designated as dimension fold, boundary fold, domain fold and origin fold.
28. Cube as hyper cube 4 is a four fold manifestation layer with on e space playing the role of dimension, 2 space playing the role of boundary, 3 space playing the role of domain and 4 space playing the role of origin.
29. One may have a pause here and take note that the different roles played by a space are in fact the different roles played by its space content lumps manifesting as domain fold of the concerned hyper cubes.

30. This as such shall be bringing us face to face with the structural set up of the cube contributing to the set ups of different formats and features of the set up of the different roles played by 3 space content lump as domain fold of cube being hyper cube 3 .
31. One may have a pause here and permit t he transcending mind to visit and revisit the structural set up of the cube .

### ASPECT 3 - CUBE IS HYPER CUBE 3

1. Let us revisit interval, square and cube together.
2. Interval has a pair of end points, square has a two pairs of boundary lines and cube has 3 pairs of surfaces.
3. One may have a pause here and take note that this feature, a pair of end point, two pairs of boundary lines and 3 pairs of surfaces , as such lead to a common formulation  $2 nB^{n-1}$ ,  $N=1,2,3$ .
4. One may have a pause here and take note that this further leads us to the formulation  $A^n: 2 nB^{n-1}$ ,  $N=1,2,3$ .
5. This feature, as such helps us comprehend and appreciate common format for the organizational set up of interval, square and cube.
6. Interval and its end point, as domain and boundary, likewise take us to square and its boundary line as its domain and boundary, which further takes us to cube and its surface plates as its domain and boundary.
7. This makes the formulation  $A^n: 2 nB^{n-1}$ ,  $N=1,2,3$  as the domain boundary formulation.
8. We are acquainted with three dimensional frames, a set up of 3 linear axis.
9. This makes linear axis as the dimension fold for the set up of the cube as dimensional body of 3 space.
10. One may have a pause here and take note that one space ( line) plays the role of dimension/axis of 3 space.
11. This makes the domain fold, dimension fold as of the format (  $N,N-2$ ),  $N=3$ .
12. One may have a pause here and take note that the formulation (  $N,N-2$ ) as of the format ( domain, dimension) , as a general formulation for  $N=1$  shall be taking us to (  $1,-1$ ) implying that  $-1$  space plays the role of dimension of  $+1$  space.
13. Further  $N=2$  shall be leading us to (  $N, N-2$ ) as domain, dimension format for  $N=2$  as (  $2,0$ ) implying that zero space plays the role of dimension of 2 space.
14. One may have a pause here and take note that the above feature brings us face to face with  $-1$  space as dimension, 0 space as boundary and 1 space as domain in reference to interval.
15. Likewise 0 space as dimension , 1 space as boundary and 2 space as domain are the features of square.
16. A step ahead 1 space as dimension, 2 space as boundary and 3 space as domain are the features of a cube.
17. Let us have a pause here and take note that cube permits split into 8 sub cubes with inner most corner of all the 8 sub cubes having seat at centre of the cube.

18. Further as that the formulation  $A^n: 2 nB^{n-1}$ ,  $N=1,2,3, 4$  shall be taking us to 4 space with its boundary constituted by 8 cubes.
19. One may have a pause here and take note that the structure at the centre of the cube as such of the format and features of 4 space body which has solid boundary of 8 components.
20. Still further as that centre is the seat of origin of a three dimensional frame.
21. It is the seat of origin of 3 space.
22. It makes it as that 4 space plays the role of origin of 3 space.
23. This, as such makes 4 space in the role of origin fold for the set up of cube.
24. One may have a pause here and take note that cube is the set up which accepts one space as dimension fold, 2 space as boundary fold, 3 space as domain fold and 4 space as origin fold.
25. These features make cube as hyper cube 3 , a four fold manifestation layer with one space as dimension, two space as boundary, three space as domain and four space as origin.
26. This is of the format ( N, N+1, N+2, N+3) format of hyper cube ( N+2).
27. As such cube is hyper cube 3 .
28. Square is hyper cube 2 , and interval is hyper cube 1.
29. One shall sit comfortably and permit the transcending mind to revisit interval as a track of a moving point.
30. Square as a track of a moving line.
31. Cube as a track of a moving square.
32. Let us have a pause here and take note that point as a zero space body accepts structures of zero space content .
33. Now if point is structured with 1 space content, or 2 space content or 3 space content then naturally the formats of interval, square and cube shall be of different structural set up.
34. One may have a pause here and permit the transcending mind to visit and revisit the set up of a cube with in a cube.
35. As with in a cube would mean , to be with in the domain fold , which would imply as to be with in a space fulfilled with 3 space content lump as its constituents.
36. Therefore, points with in a cube would be points structured with the structure of 3 space content lump itself.
37. Therefore, interval with in 3 space domain would be a set up of a 3 space content lump point.
38. Likewise square with in 3 space domain would be a set up of 3 space content lump points initially structuring a line and then such lines structuring a square.
39. A step further, cube with in a cube would be a set up of a cube of 3 space content lumps.
40. One may have a pause here and permit the transcending mind to visit and revisit this set up of cube with in a cube.
41. The outer cube has a sequential reach from zero space point to 1 space point to 2 space point to 3 space point.
42. However, cube with in a cube having a reach with its starting point as points structured with structures of 3 space content itself.

43. Therefore, the intervals, square and cubes reach there from such start with structured point, shall be leading us to a structural format of different features which deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing to have deep insight and proper enlightenment about it.
44. One may have a pause here and take note that it in a way shall be bringing us face to face with the different roles of 3 space content lump, a 3 space content lump in a static state is of the format and features of a static domain.
45. However, structured point in motion makes it a dynamic state point. As such the point structured with 3 space content, in a dynamic state, shall be making 3 space domain in the role of a dimension.
46. It is this which shall be making it in the role of a solid dimension.
47. It is this feature of 3 space in the role of dimension, which deserves to be comprehended well.
48. Let us have a pause here and pose to oneself as to what extent we are conscious of the different structural format standing created by static and dynamic state of 3 space content lump.
49. One may further have a pause here and take note that as that 4 space plays the role of origin of 3 space and because of its centre of cube acquires the status of a seat of 4 space, which is of dimensional order, therefore, the cube within cube shall be in its dynamic state would be taking us to the role of solid boundary of hyper cube 4.
50. It is this structural format differences for the outer cube and inner cube, which deserves to be comprehended well and to be thoroughly appreciate for its complete imbibing to have deep insight and enlightenment about it.
51. It is this conceptual comprehension, in terms of which we shall be appreciating the role of structural set up of a cube during different roles of 3 space content lumps.
52. And this comprehension deserves to be perfected.

#### ASPECT 4 - TRANSITION FROM SQUARE TO CUBE

1. Let us revisit the structural set up of square and cube.
2. Let us chase the structural set up of a square within a 2 dimensional frame with origin super imposed upon centre of the square.
3. The dimensional axes of 2 dimensional frames pass through the middle points of the sides of the square.
4. Let us have a pause here and take note that, this, this way, makes an arrangement of 8 point set up along the boundary of square.
5. Let us have a further pause here and take note that there are 8 corner points of the cube.
6. Further as that square admits a pair of internal diagonals.
7. The pair of dimensional axis and pair of internal diagonals of the square cut the surface of the square into 8 sub surfaces.
8. One may have a pause here and take note that a three dimensional frame splits the cube into 8 sub cubes, parallel to split of 3 space into 8 octants.

9. Let us revisit the structural set up of the square with in two dimensional frames with origin super imposed upon the centre of the square.
10. This brings to focus the emergence of 8 components of boundary lines and 4 components of dimensional axes which together make out a set of 12 linear components.
11. One may have a pause here and take note that the set up of a cube accepts 12 edges.
12. Let us revisit the set up of the cube .
13. The volume of a cube as space enveloped with in spatial boundary of geometric envelop, with removal of the space, will permit collapse for the geometric envelop along the format of a surface of a pair of faces.
14. One may further have a pause here and take note that a surface with in 3 space acquires a pair of faces
15. Further as that a peeling off a pair of faces of the surface shall be releasing a space of the format and features of 3 space permitting enveloping to be of the format of a volume ( of the cube)
16. All these feature of the set up of square and cube deserve to be comprehended well for their thorough appreciation and full imbibing to acquire deep insight and enlightenment about these set ups.
17. One may have a pause here and take note that square is hyper cube 2 and as such is a four fold manifestation layer parallel to quadruple artifices of numbers ( 0,1,2,3).
18. On the other hand, cube is hyper cube 3 and as such is a four fold manifestation layer of values parallel to quadruple artifices of number ( 1,2,3,4).
19. A transition from four fold manifestation layer of hyper cube 2 to four fold manifestation layer of hyper cube 3, in fact is a transition of four fold steps from the quadruple values ( 0,1,2,3) to quadruple values ( 1,2,3,4).
20. One may have a pause here and take note that zero space plays the role of dimension of 2 space.
21. On the other hand, one space plays the role of dimension of 3 space.
22. One may further have a pause here and take note that in case of zero space in the role of dimension it is a dynamic point of zero space content lump while in the case of 3 space it is a dynamic point structured with 1 space content lump.
23. One may further have a pause here and take note that essentially the structural set up is the creation of a dynamic point for its reach firstly to the format of an interval then to the format of square and thereafter to the format of a cube.
24. Now when point is structured with structure of zero point, all when it is structured with the structures of one space content lump, the consequential structural changes emerge in the form of the set up of hyper cube 2 and hyper cube 3 respectively .
25. One may have a pause here and take note that the Devnagric formulation for the set ups of square and cube are “Verga”, and “Ghan”.
26. One may have a pause here and take note that Vedic system work out dimensional bodies set ups with in Creator’s space ( 4 space), which is of a spatial order ( 2 space in the role of dimension) .



27. Further as that Ganita Sutras , the fundamental VMS&T values, accepts only Verga as the basic tool format for chase of structural set up of dimensional bodies.
28. Further as that Vedic systems accept transcendental code values for the Devnagri alphabet letters, as per which transcendental code value for formulation Verga comes to be 14 which is parallel to the summation value  $2+3+4+5$  for the four fold manifestation layer ( 2,3,4,5) of spatial order hyper cube 4.
29. Still further the transcendental code value of formulation Ghan as well is 14.
30. One shall sit comfortably and permit the transcending mind to glimpse all these features and to fully imbibe them for their complete appreciation to acquire full in sight and thorough enlightenment of the same.
31. In the light of the above features, it would be a very blissful exercise to visit and revisit the set ups of square and cube and to reach at transition from the set up of structural set up of square to the set up of the structural set up of the cube.
32. It would further be a very blissful exercise to chase transition from the structural set up of cube as hyper cube 3 to the structural set up of hyper cube 4 itself.
33. One may have a pause here and take note that 3 space is a linear dimensional order space, while 4 space is a spatial dimensional order space.
34. Further as that number value 4 is a unique format , as much as that  $4 = 2+2= 2 \times 2 = (-2) \times (-2)$  which amounts to not only the super imposition of addition and multiplication operation but also of a pair of opposite orientation.
35. One shall sit comfortably and permit the transcending mind to glimpse all these feature and to imbibe values thereof.
36. One may further have a pause here and revisit values triple  $(-1, 0,+1)$ .
37. One may have a pause here and take note that  $(-1)^{2n+1} = -1, 0^n=0, 1^n = 1$ .
38. As such values triple  $(-1, 0, 1)$  remains the same for  $(-1^{2n+1}, 0^{2n+1}, 1^{2n+1})$  for all values of N.
39. However,  $(-1,0,1)$  becomes  $(1,0,1)$  for  $(-1^{2n}, 0^{2n}, 1^{2n})$ .
40. One may have a pause here and take note that the odd and even power values difference goes indistinguishable with in Creator's space because of the spatial dimensional order of 4 space.
41. One shall sit comfortably and permit the transcending mind to glimpse all these features and to imbibe the same and to perfect comprehension of the transition from the format of square to cube as hyper cube 2 to hyper cube 3 and further from the format of hyper cube 3 to the format of hyper cube 4.
42. One may have a pause here and take note that the distinguishing features of the linear order and spatial order deserve to be comprehended well .
43. The distinguishing features will help us appreciate the distinguishing formats and values of Mathematics , Sciences and Technologies of linear order 3 space on the one hand, and of spatial order Mathematics, Sciences and Technologies of 4 space on the other hand.
44. One may further have a pause here and take note that it would further bring us face to face with the challenges of working with  $\frac{1}{2}$  as the working unit for

- chase of 4 space Mathematics , Sciences and Technologies for its applications to the chase of linear order 3 space Mathematics , Sciences and Technologies.
45. One may further have a pause here and take note that the spatial order of 4 space simultaneously brings in to 2 as 1 and 1 as 2 while linear order of 3 space insists on 1 as 1 .
  46. This insistence of 1 as 1 distinguishes plus 1 from minus 1 , while with in 4 space, +1 and -1 go on distinguishable while working with half unit.
  47. One may further have a pause here and take note that ( +1, -1) is parallel to the format of ( +1 as domain fold , -1 as dimension fold).
  48. With it a shift from +1 to -1 would amount to a shift from domain fold to dimension fold.
  49. One may further have a pause here and take note that this, as such brings to focus the reflection operation as a distinct Mathematical operation of geometric format, accepted by Vedic system but the same as such is not accepted by the other systems.

#### ASPECT 5, 7 GEOMETRIES RANGE OF 3 SPACE

1. Cube is of 7 versions.
2. There are six surface plates constituting coverage for its domain fold ( Volume Part).
3. The presence of all the six surface plates makes one of the version of a cube .
4. Like that ( 6 ,5,4,3,2,1,0) number of plates presence shall be making a range of 7 version of cube.
5. Each version of the cube is the geometric body of the respective geometry of 3 space.
6. 7 geometries range and parallel to it 7 versions of cube , as such make technologies of 3 space being of very wide spectrum.
7. One may have a pause and take note that in all these set ups, common dimensional order is of linear order format ( 1 space in the role of dimension) .
8. 7 versions of cube , together constitute a format for organization of the existence phenomenon of 3 space content lump.
9. One may have a pause and take note that the distinction between one version in reference to another version is in the form of presence or absence of the number of surface plates/boundary component.
10. One may have a pause and take note that one way to sequentially organize these bodies of 3 space geometries would be parallel to number values range ( 6,5,4,3,2,1) being parallel to the presence of number of plates.
11. Parallel to it, the other sequential arrangements would be parallel to number values range ( 0,1,2,3,4,5,6) being parallel to the number of plates being absent at sequential steps.
12. The other organization format of the same would be of features [( 6,0), ( 5,1), (4,2), (3,3), (2,4), ( 1,5), (0, 6)] which simultaneously takes care of the number of plates being present and number of plates being absent at each sequential step .

13. Needless to add that the above sequential arrangement will also bring us face to face with the parallel sequential arrangement of opposite orientation, viz: [(0,6), (1,5), (2,4), (3,3), 4,2), ( 5,1), ( 6,0)].
14. One may have a pause here and take note that the version ( 3,3), in one situation would be implying as that there are 3 surface plates being present and 3 surface plates being absent.
15. However, the expression ( 3,3) as such does not distinguish between as that ( 3 surface plates being present, 3 surface plates being absent) from ( 3 surface plates being absent , 3 surface plates being present) .
16. As such to take care of the same, we can adopt a procedure of indicating number of plates being present as +3 and number of plates being absent as -3. This arrangement will be of the feature ( +3, -3) and ( -3, +3).
17. One another arrangement will be to take the middle placement ( +3, -3) or ( -3,+3) as of signature 0).
18. The whole range of geometries , that way will be permitting expression as 7 geometries range of signatures ( + 3, +2, +1,0, -1, -2, -3).
19. Anyway these all are the procedural arrangement for the 7 geometries range of 3 space and corresponding geometric bodies.
20. One may have a pause here and take note that split of a cube into 8 sub cubes and the corresponding split of the boundary component deserves to be comprehended well.
21. One may have a pause here and take note that the structural set up of the cube, as such, may be taken as the structural set up of 27 components namely 8 corner points + 6 surface plates + 12 edges + 1 volume.
22. Now if 2 cubes are synthesized together with one of the surface being common for the synthetic set up then while the first cube shall be contributing 27 components , the other component because of absence of one surface plate , shall be contributing only 18 components.
23. One may have a pause here and take note that total structural component of this synthetic set up would come to be only  $27 + 18 = 45$ .
24. If the third cube is synthesized with this synthetic set up of pair of cubes, the contribution by this third cube would be of only 18 more components and thereby the combined structure components of a synthetic set up of 3 cubes as such would come to be  $45+18=63$ .
25. The addition of fourth component of the fourth cube shall be making a synthetic set up of four cubes of the arrangement format  $2 \times 2$  and the contribution by the fourth cube would be only of 12 structural component and thereby the total structural component for the synthetic set up of all the four cubes would be  $63 + 12 = 75$ .
26. The addition of fifth and sixth cube will be yielding contribution of  $18 + 12 = 30$  components.
27. And addition of seventh and eighth component shall be a contribution of  $12+8=20$  components.
28. This way the synthetic set up of 8 cubes would be a structural set up of  $75+30+20=125 = 5 \times 5 \times 5$ .

29. One may have a pause here and take note that the synthetic set up of 8 cubes as a structural set up of 125 components brings us face to face with a pair of number values ( 8,125) which permits reorganization as  $2^3, 5^3$ .
30. One may have a pause here and permit the transcending mind to revisit the above features.
31. It would be a blissful exercise to chase the synthetic set up of 27 cubes to reach at its structural component value 343.
32. One may have a pause here and take note that the numbers value ( 27, 343) , permits reorganization as  $3^3, 7^3$ .
33. One may further have a pause here and permit the transcending mind to comprehend the pair of paired values [ $(2^3, 5^3)$  and  $(3^3, 7^3)$ ].
34. It would be blissful to take note that the next sequential terms would be  $4^3, 9^3$ .
35. One may further have a pause here and take note that the numbers pair ( 2,5) is parallel to the format ( 2 space, 5 geometries range of 2 space).
36. Further the numbers pair ( 3,7) is parallel to the format ( 3 space, 7 geometries range of 3 space).
37. Still further the numbers pair ( 4,9) is parallel to the format ( 4 space, 9 geometries range of 4 space).
38. In general the numbers pair ( n, 2n+1) is parallel to the format of ( n space, 2n+1 geometries of N space).
39. One shall sit comfortably and permit the transcending mind to glimpse all these features and imbibe their values fully to acquire deep insight about the geometries range of 3 space and of other spaces.

SECTION –II, FRAMED DOMAIN  
ASPECT 6, 3 SPACE FRAMED DOMAIN

1. 3 Space content manifests as domain fold of hyper cube 3 .
2. 3 space domain is a framed 3 space content lump.
3. 3 space content lump as domain fold accepts boundary fold as its geometric envelop.
4. Domain fold framed with in geometric envelop of domain fold also accepts a 3 dimensional frame with origin of 3 dimensional frame standing superimposed upon centre of domain fold.
5. Domain fold enveloped with in geometric envelop of boundary fold and having acceptance of a three dimensional frame with origin of three dimensional frame super imposed upon centre of the domain fold in designated as three space framed domain.

6. One may have a pause here and permit the transcending mind to glimpse the set up of 3 space framed domain .
7. When the centre of 3 space domain fold as a seat of origin fold gets sealed with super imposition of the origin of 3 dimensional frame, the 3 space framed domain is designated as sealed framed 3 space domain .
8. With it , framed 3 space domain becomes of dual set up features , firstly as sealed framed 3 space domain and secondly as non-sealed framed 3 space domain.
9. One may have a pause here and take note that the basic difference above pair of framed 3 space domain is in terms of its origin being sealed or otherwise.
10. This feature , in other words would mean that in case of sealed framed 3 space domain , no transcendence takes place at the origin.
11. Otherwise , in case of non-sealed framed 3 space domain , transcendence is permissible at origin of the domain fold.
12. One may have a pause here and permit the transcending mind to glimpse and imbibe the distinguishing features of sealed and non-sealed framed 3 space domain
13. One shall sit comfortably and permit the transcending mind to comprehend and imbibe distinguishably the differentiating feature of the set up which permits transcendence at the origin of the domain fold, from that of non-permissibility for transcendence at the origin of the domain fold.
14. One may further have a pause here and take note that the transcendence at the origin of the domain fold would mean the permissibility of transcendence for the order of domain fold through origin fold for reach at the base fold.
15. The other wise, the non-permissibility would mean there being no transcendence permissible for the dimensional order of the domain fold through origin for reach upto base of the origin fold.
16. One may have a pause here and take note that the origin fold is of a higher degree dimensional order than that of the domain fold.
17. The dimensional order of origin fold is one degree higher than that of the domain fold.
18. Illustratively 3 space is a linear order space while 4 space is a spatial order space.
19. As such 3 space domain fold is of a linear dimensional order, while 4 space in the role of origin of 3 space makes origin of 3 space domain as of a spatial dimensional order.
20. The seal at the origin of 3 space domain would mean that that centre of 3 space domain would be of dimensional order like that of any other point of 3 space domain.
21. Otherwise, with 3 space domain with its non-sealed origin will make centre of the cube as to be of a status different than that of all other points of the cube , as much as that while centre of the cube shall be acquiring the status of a spatial dimensional order while all other points of cube will remain of the format and features of a linear dimensional order.

22. One may have a pause here and take note that 3 space domain as sealed framed 3 space domain shall be making centre of 3 space bodies/cube being of status and feature of linear order like that of any other point of solids/cube.
23. In such a situation every point of 3 space domain shall be of structural format of synthesis of a pair of linear axis/dimension.
24. One may have a pause here and take note that this will bring us face to face with constituent point of 3 space domain being a structured point of synthesis of linear axes.
25. A reach from 3 space domain as manifested 3 space content to structural set up of constituents ( structured point) of 3 space domain will bring us face to face with the challenges of understanding and comprehension of 3 space content .
26. One may further have a pause here and take note that this understanding and comprehension of format , features, values and virtues of 3 space content will further help us understand and comprehend the structured creations by different roles of 3 space domain, say as dimension fold, boundary fold, domain fold, origin fold and even base fold .
27. One may further have a pause here and take note that 3 space domain in the role of dimension would be a dimension fold of transcendental domain ( 5 space domain ) .
28. 3 space domain in the role of boundary shall be of the structural format of solid boundary of creator's space ( 4 space).
29. 3 space domain in the role of origin shall be the origin fold of hyper cube 2 /square.
30. 3 space domain as base shall be the base fold of hyper cube 1/interval.
31. One shall have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans to comprehend and imbibe the above features and to acquire proper insight and enlightenment about 3 space content manifesting as domain fold and playing different roles .
32. It would be a blissful exercise to glimpse and imbibe the values of linear dimensional order structuring 3 space domain and potentialising it , as such , as 3 space content for playing different roles, prominent amongst them being as 3 space as dimension fold, 3 space as boundary fold, 3 space as domain fold, 3 space as origin fold and 3 space as base fold.
33. It would be a very blissful exercise to sequentially chase the emerging structural set ups during different roles of 3 space content.
34. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to acquire deep insight and thorough enlightenment about this phenomenon of different roles of 3 space domain as a structural 3 space content of linear dimensional order.

## SECTION –II, FRAMED DOMAIN

### ASPECT 7, CHASE OF TRANSCENDENCE AT ORIGIN OF 3 SPACE DOMAIN

1. 4 space plays the role of origin of 3 space
2. 4 space is a spatial order space while 3 space is a linear order space.

3. 4 space domain is structured by synthesis of spatial dimensions while 3 space domain is synthesized by linear dimension.
4. This will bring us face to face with lines being the structural constituents of 3 space domain while surfaces being the structural constituents of 4 space domain.
5. This will further bring us face to face with the feature of surface carrying the line ( Lines) .
6. 3 space domain as linear order domain , as such may have transcendence from line through origin being a spatial order 4 space set up.
7. One may have a pause here and take note that this transcendence permissibility is naturally because of availability for the lines of surfaces as carriers.
8. It is this transmission of linear order structures, which deserves to be visited and revisited.
9. One may have a pause here and take note that spatial order itself is the existence phenomenon with in a dimensional frame of a pair of dimension.
10. As such the transcendental carrier for the lines may be parallel to either of the pair of axes of dimensional frame of spatial order itself.
11. One may further have a pause here and take note that the availability of spatial format will facilitate synthesis for a pair of lines ( linear axis/linear order set ups).
12. It is this feature of transcendence for the linear order through the spatial order origin which deserves to be comprehended well and to be thoroughly imbibed as synthesized structure would be of a solid domain format and one of the roles for the 3 space domain is as of solid dimensional order.
13. One may have a pause here and take note that 5 space plays the role of origin of 4 space.
14. Further as that 5 space is a solid order space.
15. Still further as that 5 space plays the role of base fold as base for 4 space as origin fold of 3 space domain.
16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to be face to face with above phenomenon of transcendence of linear order through spatial order origin and having a reach upto solid order base.
17. One may further have a pause here and take note that the origin being of a spatial order , the same as such shall not only be super imposing addition and multiplying operation but also the same as well would be super imposing the opposite orientation too.
18. One may have a pause here and take note that  $4 = 2 + 2 = 2 \times 2 = (-2) \times (-2)$ .
19. One may further have a pause here and take note that it is because of this feature of spatial order origin, the same simultaneously as well shall be making it permissible for reverse transcendence i.e. ascendance from base fold through origin to the domain fold.
20. One may further have a pause here and take note that the numbers value triple  $(-1, 0, 1)$  is a unique triple as much as that it retains the value  $(-1, 0, 1)$  for all odd powers as well, i.e. for  $(-1^{2n+1}, 0^{2n+1}, 1^{2n+1})$ .

21. One may further have a pause here and take note that the numbers value sequence ( -- -5, -3,-1,1,3,5 ---) is parallel to the geometric formats sequence ( sequence of dimension of dimension, dimension, domain for every triple consecutive values of the above sequence namely ( N, N+2, N+4).
22. One may further have a pause here and take note that the linear order transcendence from 3 space domain through spatial order origin along any of its axis to solid order base, and reverse ascendance starting from solid order base through spatial order origin to linear order domain, as such would be of formats parallel to the formats of pair of orientations of line/interval/hyper cube 1 domain fold.
23. One shall sit comfortably and permit the transcending mind to continuously emain in prolonged sitting of Trans and to glimpse above two fold transcendence phenomenon ( transcendence from domain fold to base fold and back from base fold to domain fold through origin fold. ) and to fully imbibe the features and values of this phenomenon.
24. One may further have a pause here and take note that the spatial order because of its unique features  $4 = 2+2 = 2 \times 2 = (-2 \times -2)$  together with  $0 = 0+0=0 \times 0 = (-0) \times (-0)$  will make value sequence ( -- -4, -2,0, 2 , 4 --) to be of unique sequence of second limb of dimensional spaces availing the format of dimension of dimension, dimension and domain for consecutive triple members of the sequence.
25. However, the basic difference of this limb ( to be designated as of even order spaces) from thatof the first limb ( being designated as of odd order spaces) is that here in this case of even order spaces, the values triple ( -1, 0, 1) acquires the format ( 1, 01) because of even powers and this transformation further folds it for working in terms of its pair of halves ( 1, 0) and ( 0, 1) as a permissibility to work out the same in terms of only one half thereof.
26. One shall sit comfortably and permit the transcending mind to glimpse this distinguishing feature of the even order and of odder space.
27. One may further have a pause here and take note that in case of even spaces permissibility for working out in terms of only one half , as such shall be making the working unit being (  $\frac{1}{2}$ ).
28. This will bring us face to face with the working with full boundary , vis-à-vis working with half boundary .
29. However, working with half boundary, has its own challenge when it is to be made as a complete system for even and odd order spaces to be handled simultaneously.
30. It is this challenge which is becoming difficult for the modern system while modern systems are confronted with the situations like that of every where derivable but no where continuous functions.
31. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse above features of transcendence phenomenon of linear order of 3 dimensional frame through spatial order origin for its reach to solid order base and back from solid order base to linear order domain through spatial order origin.



32. This feature of two fold transcendence at transcendental boundary ( 5 space as boundary) of self referral domain ( 6 space as domain) , which is simultaneously available with in self referral domain itself as well , deserves to be glimpsed and imbibed for enrichment of insight for thorough enlightenment about the transcendence phenomenon.
33. It would be a blissful exercise to continuously visit and revisit the simultaneous two fold transcendence phenomenon happening at the transcendental boundary ( 5 space as boundary) as well as with in self referral domain ( 6 space as domain).

## SECTION –II, FRAMED DOMAIN ASPECT 8, CHASE OF DOMAIN FOLD ITSELF

1. Availing domain fold as a tool is one thing .
2. And chasing domain fold itself is another thing.
3. The value equality  $1 = 1^1 = 1^3$  gives us an insight that domain fold as a format and its sequential application may help us develop a system to use domain as a tool for chase of domain.
4. One may have a pause here and take note that a reach from  $1^1$  to  $1^3$  and a step ahead a reach from  $1^3$  to  $1^5$  gives us an insight about availability of domains sequence.
5. One may have a pause here and revisit interval, square and cube .
6. Interval is hyper cube 1 and it has one space content lump as its domain fold.
7. Square is hyper cube 2 and it has two space content lump as its domain fold.
8. A step ahead, cube is hyper cube 3 and it has 3 space content lump as its domain fold
9. Taking  $1^1$  as domain fold of hyper cube 1 ,  $1^2$  as domain fold of hyper cube 2 and  $1^3$  as domain fold of hyper cube 3 and further as  $1^1 = 1^2 = 1^3 = 1 = 1^0$  will help us have a insight as to how the domain fold format as such shall be bringing us face to face with domain as a tool for a reach to domain itself as a system.
10. Further, let us revisit the structural set up of an interval, square and cube again
11. It will come to light that interval with a pair of end point as a set up of 3 structural component will permit us chase it as  $(1+2)^1$  .
12. Likewise square with its boundary contributing four boundary lines and four corner points as such will become a structural set up of 9 structural components in all which will permit its reorganization as  $(1+2)^2$  .
13. A step ahead a look at the set up of the cube will bring us face to face with cube as being with geometric envelop stitched as 6 surfaces, 12 edges and 8 corner points, together making it out being the set up of 27 structural components which permit the chase as  $(1+2)^3$  .
14. One may have a pause here and take note that the above features of interval square and cube , as such are the features of sealed framed domains .
15. Further as that the above features are of framed domains of sealed origin .
16. However, the above features are only because of boundary fold as geometric envelop as a boundary frame.

17. This single frame in respect of interval, square and cube as sealed framed domains with in their respective boundary fold make out as of a sequential order accepting common formulation  $(1+2)^n$ ,  $N= 1,2,3$ .
18. One may further have a pause here and take note that if the interval square and cube are the set ups of length  $A^1$ , area  $A^2$  and volume  $A^3$  even then with points as  $A^0$ , the structural set ups of such interval, square and cube as well would be of structural components 3, 9 and 27 and these would permit single formulation set ups of  $(1^1+2a^0)^n$ ,  $N= 1,2,3$ .
19. One may further have a pause here and take note that interval, square and cube are of the formats of hyper cube 1, hyper cube 2 and hyper cube 3 respectively.
20. Hyper cube 1 is a four fold manifestation layer of values parallel to quadruple number values  $(-1, 0, 1,2)$ .
21. Hyper cube 2 is a four fold manifestation layer of values parallel to quadruple number values  $(0, 1,2,3)$ .
22. Hyper cube 3 is a four fold manifestation layer of values parallel to quadruple number values  $(1,2,3,4)$ .
23. One may have a pause here and take note that four folds format of hyper cubes is of values of ( dimension fold, boundary fold, domain fold, origin fold).
24. Further as that the four fold values (dimension fold, boundary fold, domain fold, origin fold) is of values sequences  $(N, N+1, N+2, N+3)$ .
25. One may further have a pause here and take note that the above four fold format will further lead us to 4 x 4 formats with each fold itself again being a four fold format leading to 4 x 4 metrix /grid values set up as under:
 

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
26. One may have a pause here and take note that this organization avails 7 steps long values range  $(N, N+1, N+2, N+3, N+4, N+5, N+6)$ .
27. One may have a pause here and take note that 3 space accepts 7 geometries range and parallel to it there are 7 versions of cube.
28. One may further have a pause here and take note that this brings us face to face with cube as hyper cube 3 is having 7 versions for the domain fold ,
29. One may further have a pause here and take note that the sequential range of  $N \times N$  grid formats i.e.  $(1 \times 1, 2 \times 2, 3 \times 3, 4 \times 4, 5 \times 5, \dots)$  lead us to summation values for the values of all the rows and all the columns as values sequence  $(1^3, 2^3, 3^3, 4^3, 5^3, \dots)$ .
30. It would be a blissful exercise to sequentially chase the organizational expressions of values of  $N \times N$  metrix/grid format for their summation values as under:

1 x 1	1		
2 x 2	1	2	$1 = 1^3$
	2	3	$8 = 2^3$

3x3	1	2	3		
	2	3	4		
	3	4	5		$27 = 3^3$
4 x 4	1	2	3	4	
	2	3	4	5	
	3	4	5	6	
	4	5	6	7	$64 = 4^3$

31. Like that further the synthesis of number of cubes will lead to the following structural features:
- Single cube has 27 components which leads to  $1^3$  and  $3^3$  coordination as one space has 3 geometries range.
  - Eight cubes have 125 components which leads to  $2^3$  and  $5^3$  coordination as 2 space has 5 geometries range.
  - 27 cubes have 343 components which leads to  $3^3$  and  $7^3$  coordination as 3 space has 7 geometries range.
  - $N^3$  cubes have  $(2N+1)^3$  components which leads to  $N^3 (2N+1)^3$  coordination of N space with  $2N+1$  geometries range.
32. One may further have a pause here and take note that N, NxN and NxNxN as numbers value chase and parallel to it of geometric format chase in reference to the domain fold , in the context of 3 space as domain fold , makes a blissful study of the features of Vedic systems.
33. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans for chase of sealed framed 3 space domain .
34. Further , it also would be a blissful exercise to chase structural creations by sealed framed 3 space domain in different roles as dimension fold, boundary fold, domain fold , origin fold and base fold, taking the contribution by the internal structural set up of sealed framed 3 space domain itself.
35. It would be a very blissful exercise to tabulate the above structural creations by different roles being played by sealed framed 3 space domain.

## SECTION –II, FRAMED DOMAIN

### ASPECT 9, LINEAR, SPATIAL AND SOLID DIMENSIONAL SYNTHESIS

- Sealed framed 3 space domain is the set up of 3 space content lump manifesting as domain fold enveloped by spatial boundary envelop and accepting linear dimensional frame with origin of dimensional frame super imposed upon the centre of the domain fold.
- The synthesis of linear, spatial and solid domains with in 3 space domain while the linear spatial and solid domains being in the roles of dimensions is the phenomenon which deserves to be comprehended well for appreciation and imbibing of the values of 3 space VMS&T.
- The synthesis of linear domain folds in the role of dimension as linear axes sequentially lead to synthesis value ( 1, 3,6,10,15,21,28,36,45, ---).
- The spatial domain in the role of spatial dimensions synthesized and lead to sequential synthesis values range ( 2,4,6,8,10,12,14,16,18, ---).

5. Solid domain as solid dimension synthesizes sequential values range ( 3,5,6,6,5,3,0,, ---).
6. One may have a pause here and take note that differences sequential range of difference values of synthesis values sequence of linear dimensional synthesis and spatial dimensions synthesis comes to be ( -1, -1,0, 2,2+3, 2+3+4, 2+3+4+5, 2+3+4+5+6, ---).
7. One may have a pause here and take note that the above difference values range ( -1, -1, 0, 2, 5,9,14,20,27,---) as a sequential diminishing rule will take us from the synthesis value of spatial dimensions to the synthesis value sequence of solid dimension synthesis.
8. One may further have a pause here and take note that above diminishing value rules will sequentially apply ahead from synthesis value range of solid dimensions to synthesis value rule of hyper cube 4 , and so on.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse the diminishing rule of sequential synthesis of a pair of dimensional order dimensions/axis.
10. One shall further sit comfortably and permit the transcending mind to revisit the synthesized domains parallel to synthesis value and to reach back from synthesized domains to synthesizing dimensions.
11. This reverse process of reach from synthesized domain to the synthesizing constituent dimensional axis may be designated as the domains split spectrum
12. One may have a pause here and take note that a pair of linear dimensions synthesize synthesis value 3 parallel to which is 3 space domain.
13. One may have a pause here and take note that this reach from a pair of values ( 1,1) to value 3 is because of ( -1) unit value being contributed for the synthesizing glue unit value because of the dimension of dimension of 1 space i.e. by ( -1) space.
14. One may have a pause here and take note that this leads to dimensional synthesis equation as under:-  

$$1 + 1 - (-1) = 3$$
15. In general the rule is  $N+N - ( N-2) = N+2$
16. One may have a pause here and take note that dimensional synthesis and reverse of it, the dimensional domains split process takes care of dimension of dimension role as dimensional synthesis glue values units provider.
17. Illustratively the dimensional synthesis ( 8,8 = 10, in the reverse process would be permitting expression as  $10 = ( 8,8)$ .
18. This in fact is not expressing the specific role of six space as dimension of 8 space and being dimension of dimension of 10 space.
19. Therefore, the full expression shall be ( 8, 8, -6) = 10.
20. And other way round it shall be  $10 = ( 8,8,6)$ .
21. A step ahead  $8 = ( 6,6,-4)$ .
22. Like that sequentially reach would be  $6 = 4,4-2)$  and  $4 = 2,2,-0)$  and so on.
23. One may have a pause here and take note that above sequential steps at the first step shall be making available single 10 space domain.
24. At the second step, there would be an availability of 2 domains of value 8 space.

25. A step ahead i.e. at third step there would be an availability of 5 domains of value 6.
26. At fourth step, there would be an availability of 12 domains of value 4.
27. At fifth step there would be an availability of 29 domains of value of space 2.
28. At sixth step there would be an availability of 70 domains of 0 space value.
29. One may have a pause here and take note that 10 space in the role of dimension shall be synthesizing sequential values ( 10,12,6, -8, 0,0).
30. 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 dimensional synthesis values, as well as of dimensional domains split spectrum.
31. It would be a blissful exercise to visit and revisit this phenomenon in respect of 3 space domain
32. The solid dimensions synthesis value sequence is ( 3,5,6,6,5,3,0, ---).
33. The dimensional domain split spectrum for 3 space domain comes to be as
  - i) At first step, as single domain of domain value of space 3.
  - ii) At second step, as 2 domains of domain value of space -1.
  - iii) At third step, as 5 domains of domain value of space ( -3).
  - iv) At fourth step, as 12 domains of domain value of space ( -5).
  - v) At fifth step as 29 domains value of space ( -7).
  - vi) At sixth step as 70 domains of domain value of space ( -9).
34. 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 dimensional synthesis and of dimensional domain split spectrum for 3 space domain .
35. It would be a very blissful exercise to chase this dual phenomenon in respect of one space domain and also in respect of 2 space domain.
36. One shall sit comfortably and permit permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the phenomenon of dimensional synthesis and of dimensional domain split spectrum simultaneously taking place in reference to one space domain, two space domain and three space domain within 3 space domain as a sealed framed 3 space domain..
37. It is this simultaneous synthesis and split spectrum with in sealed framed 3 space domains simultaneously happening in reference to 1 space domain of the format of single axis, 2 space domain parallel to pair of dimensions and 3 space domains parallel to all the 3 dimensions of 3 dimensional frame deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing to acquire deep insight and enlightenment about the existence phenomenon in reference to 3 space domain, being of the format and features of Triloki ( 3 spaces having coordinated existence with in Creator's space i.e. 4 space) with its seat as origin of 3 space..

SECTION –III, TRILOKI & TRIMURTI  
ASPECT 10, TRILOKI & TRIMURTI

1. Lord Brahma, Lord Shiv and Lord Vishnu together are Trimurti.
2. Lord Brahma is the presiding deity of 4 space.
3. Lord Shiv is the presiding deity of 5 space.
4. Lord Vishnu is the presiding deity of 6 space.
5. Trimurti as 3 Lords are the presiding deities of 3 spaces namely “ 4 Space, 5 space, 6 Space”.
6. One may have a pause here and take note that “ 1 space, 2 space, 3 space” constitutes one set of 3 spaces.
7. “4 space, 5 space, 6 space” constitute another set of 3 spaces.
8. A 3 dimensional frame permits a split in to a pair of 3 dimensional frame of half dimensions of opposite orientations.
9. One may have a pause here and take note that 4 space plays the role of origin of 3 space.
10. Centre of cube is the seat of origin of 3 dimensional frames.
11. Centre of cube, parallel to origin of 3 space , is the seat of 4 space in the role of origin.
12. Centre of cube is also the seat of inner most corner points of 8 sub cubes.
13. One may have a pause here and take note that 4 space as 4 space domain accepts solid boundary of 8 components.
14. With it centre of the cube , becomes of a dual status , firstly as point of 3 space domain and secondly as point of 2 space domain.
15. One may have a pause here and take note that this brings us face to face with the organization of 3 dimensional frame as a synthetic set up of a pair of 3 dimensional frames of half dimensions of opposite orientations and origin of 3 dimensional frames being the seat of 4 space.
16. This, as such brings us face to face with the organization of 3 dimensional frames being parallel to triple numbers value ( 3,4,3) .
17. One may further have a pause here and take note that synthesis value of a pair of solid dimensions ( 3,3)= 5 parallel to the value of transcendental domain ( 5 space as domain)
18. Still further as that  $3 \times 3 = 6$ .
19. One may have a pause here and take note that 6 points coverage is for five linear units range coverage.
20. Still further as that 4 space is a spatial order space and as such the pair of axis for the spatial order will permit expression range for a pair of 4 space set ups which shall be leading to ( 4,4)=6.
21. Still further as that the numerals 3 and 6 in their Devnagri script are of script form which makes them as a reflection pair .
22. Still further  $4 = 2+2= 2 \times 2 = (-2) \times (-2)$  and  $0 = 0+0 = 0 \times 0 = (-0) \times (-0)$  shall be bringing us face to face with the phenomenon of compactification of origins at centre of the cube .

23. In other words 4 space as origin of 3 space, 5 space as origin of 4 space and 6 space as origin of 5 space , all simultaneously mark their presence at the centre of cube.
24. Still further as that that 4 space, 5 space and 6 space sequentially unfold themselves at centre of the cube as a transcendence phenomenon for 3 space domain through its centre/origin for its reach at the base fold , and a step ahead as the format of the base fold of the origin of 3 space itself.
25. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse this phenomenon of sequential unfolding of 4,5 and 6 spaces at the centre of the cube/origin of 3 space itself.
26. One shall glimpse and imbibe the values of above phenomenon .
27. This is the phenomenon of Trimurti, creating, sustaining and transforming Triloki .
28. One may have a pause here and take note that the six steps long values range ( 0, 1,2,3,4,5) permits reorganization as  $0+5$ ,  $1+4$  and  $2+3$ .
29. Still further the six steps long range of values points ( 0,1,2,3,4,5) as a coverage range of 5 units values range ( 1,2,3,4,5) permits reorganization as (  $1+5 = 2+4= 2 \times 3$ )
30. One may have a pause here and take note that this brings us face to face with the format and features for reorganization of 5 values range ( 1,2,3,4,5) in to a triple concentric circles with the outer most circle having values for end points of its diameter as ( 1,5) with summation value (  $1+5 = 6$ ).
31. The first inner circle shall be having end values or its diameter as ( 2,4)with summation value (  $2+4=6$ ).
32. However, the inner most circle as a single point circle would be of value “3” which is half half value 6.
33. 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 this organization of 5 values range as 3 concentric circles as above.
34. One may have a pause here and take note that numbers pair ( 5,3) is parallel to the format ( 5 space as domain, 3 space as dimension).
35. Further as that that  $3 + 3=6$  and ( 3,3) = 5.
36. Still further as that 6 points range is a coverage for 5 units range.
37. One may further have a pause here and take note that end points on the circumference of a circle splits the circumference into N parts ( Archs)
38. One may further have a pause here and take note that 3 space in the role of dimension structures transcendental domain ( 5 space as domain) as domain fold of hyper cube 5 , as a four fold manifestation layer ( 3,4,5,6).
39. One shall sit comfortably and permit the transcending mind to visit and revisit four fold manifestation layer ( 3,4,5,6) as a pair of set ups ( 3) and ( 4,5,6) parallel to existence format of Triloki ( 3) and Trimurti ( 4,5,6).
40. One may further have a pause here and take note that  $3 = 3 = 3 \times 1$  and  $4 +5+6=15 = 3 \times 5$ , which will bring us face to face with the features of solid dimensional frame of 5 solid dimensions of 5 space.

41. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse the phenomenon of existence of Triloki , its creation, sustenance and transformation by Trimurti
42. One may further have a pause here and take note that four fold manifestation layer ( 3,4,5,6) shall be extending to transcendence range ( 3,4,5,6,7) .
43. It would be a blissful exercise to revisit the transcendence range ( 3,4,5,6,7) with summation value  $3+4+5+6+7 = 25$  and its reorganization along the format of triple concentric circles shall be making inner most circle being of value 7 , while the outer pair of circles shall be of values 9 each.
44. One may further have a pause here and take note that synthesis value ( -9,-9) = (-7) .
45. It would be a very blissful exercise to take note that the synthesis value (9,9) =11.
46. Still further as that the four fold manifestation layer ( 3,4,5,6) permits reorganization as a pair of parts of values  $3+4=7$  and  $5+6=11$ .
47. 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 above organization and to acquire insight about Triloki and Trimurti as the phenomenon of our Solar Universe ( Sun/6 space as the origin source reservoir).
48. One may further have a pause here and take note that synthesis value of triple dimension of any order is of value 6 , i.e. ( n,n,n)=6 .

SECTION –III, TRILOKI & TRIMURTI  
ASPECT 11, DIFFERENT ROLES OF 3 SPACE.

1. One way to acquire insight about Triloki is to glimpse different roles of 3 space ( content domains)
2. 3 space content manifests as 3 space domain of hyper cube 3 /cube.
3. 3 space plays the role of dimension ( solid dimension of transcendental domain/ 5 space domain ) .
4. This, as such will bring us face to face with the format of four fold manifestation layer ( 3,4,5,6) .
5. It shall be further bringing us face to face with its extension as transcendence range ( 3,4,5,6,7) .
6. The summation value of transcendence range ( 3,4,5,6,7) comes to be  $3+4+5+6+7 = 25$  .
7. With in Creator's space ( spatial order space) , pair of such transcendence ranges shall be yielding value as  $25 + 25 = 50$
8. This synthesis of transcendental ranges shall be bringing in value 3 parallel to the value of solid order ( 3 space in the role of dimension).
9. This way we will be acquiring value  $50+3=53$ .
10. One may have a pause here and take note that the number value 53 is availing a pair of digits ( 3,5) with unit place value digit ( 3) and next 10 place value ( 5).



11. One may further have a pause here and take note that the values pair ( 3,5) is also parallel to the format ( 3 space as dimension, 5 space as domain) .
12. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse this format, features and values of synthesis of transcendence ranges with in spatial order Creator's space.
13. One may have a pause here and take note that in general the transcendence range ( N, N+1, N+2, N+3, N+4) shall be synthesizing with another range of this value by availing value 9 parallel to the role of N space as dimension fold and thereby the total emerging value shall be  $11N + 20$  .
14. One may have a pause here and take note that  $N = 3$  is the special case which leads to synthesis value 53 .
15. Another role of 3 space is as the boundary fold of hyper cube 4 .
16. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values of structural set up of hyper cube 4 accepting solid boundary and solid order origin .
17. One may have a pause here and take note that with in creative domain ( 4 space as domain) there happens a transcendence phenomenon for the spatial order of 4 space domain as spatial order translation with its being carried by the solid order of transcendental origin for its reach at the creative order base.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse this transcendence phenomenon for the spatial order domain through solid order origin into creative order base , and also the reverse ascendance from creative order base through solid order origin in to spatial order domain.
19. The other role of 3space is as the origin fold of hyper cube 2 .
20. One may have a pause here and take note that 2 space is a zero order space.
21. Zero order space , as 2 space is it brings us face to face with number value 20 as of organization ( 1+2+3+4) + 0+(1+2+3+4) .
22. One may have a pause here and take note that this format and its features and values of zero order 2 space set up deserves to be comprehended well and to be thoroughly imbibed as formation " Ved" accepts 20 as transcendental code value.
23. Still further as that the transcendental code value for the formulation Dev , as well, is 20.
24. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse the role of 3 space as origin fold of zero order 2 space.
25. It is this role of 3 space which deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing to acquire deep insight and full enlightenment about the organization format, as well as values and virtues of Vedic knowledge.
26. 3 space as domain is enveloped with in a spatial boundary.
27. It remains integrated in terms of 3 dimensional frame of 3 linear dimensions.
28. The integration format of 3 space domain is of values parallel to the range of synthesis value of linear dimensions.

29. One may have a pause here and take note that 3 dimensional frames is a set up of 3 linear dimensions.
30. The synthesis value of triple linear dimensions is “ 6”.
31. Further as that the synthesis value of triple dimension of any order as well is 6.
32. One may have a pause here and take note that it is this feature of reach of 3 dimensional frame, which makes it to be of unique feature.
33. It is this uniqueness of 3 dimensional frame which deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing to acquire deep insight and enlightenment about 3 space itself as well as about the existence phenomenon of Triloki.

SECTION –III, TRILOKI & TRIMURTI  
ASPECT 12, SATHAPATYA MEASURING ROD

1. Basic tool settled by Vedic systems is of Sathapatya Measuring Rod.
2. Organization of Vedic knowledge, as well as of Vedic system tool, can be chased along the format of Sathapatya Measuring Rod.
3. The format of Sathapatya Measuring rod, as such becomes the starting point as well as the end reach point.
4. Starting it Sathapatya Measuring Rod, one may reach another basic tool namely the alphabet ( Devnagri alphabet format) .
5. Devnagri alphabet format, as well is structurally rich enough to be the starting point, as well as the end reach point of the chase of Vedic knowledge.
6. Chase of existence phenomenon along the Sathapatya Measuring Rod is the basic choice of Vedic Mathematics Science and Technology.
7. Sathapatya Measuring Rod format is the synthetic set up of hyper cubes 1 to 6 .
8. The chase along this format in terms of artifices of numbers is the unique success of the Vedic system.
9. This success lies in reducing whole range of values parallel to the values of numbers.
10. With this attainment everything becomes as natural as of the natural numbers themselves.
11. A reach from Sathapatya Measuring Rod to artifices of numbers and back from artifices of numbers to Sathapatya Measuring Rod deserves to be chased to comprehend and imbibe the Vedic system and Vedic knowledge.
12. Likewise a reach from Sathapatya Measuring Rod to Devnagri alphabet and back from Devnagri alphabet to Sathapatya Measuring Rod as well deserve to be chased to comprehend and imbibe the Vedic systems and Vedic knowledge.
13. Likewise the reach from Devnagri alphabet to values of numbers and back from values of numbers to Devnagri alphabet , as well deserves to be chased for its comprehension and imbibing to imbibe the values of Vedic system and Vedic knowledge.

14. This way the unification of dimensional frames, artifices of numbers, sound frequencies and light frequencies will be available as organized by Vedic systems.
15. The chase of Vedic knowledge in terms of Vedic systems will ultimately amount to the chase of the existence phenomenon along geometric format in terms of values of numbers parallel to sound frequencies and light frequencies.
16. It is this chase of existence phenomenon with in frames and beyond frames, which is aimed at by Vedic Mathematics Science and Technology.
17. This chase of Vedic Mathematics Science and Technology brings us face to face with the chase on first principles ( axioms and postulates) organized as Ganita Sutras ( and Upsutras).
18. This, this way makes the chase of the range of Sathapatya Measuring Rod a the starting point and Ganita Sutras as the end reach.
19. This chase is of the values of reverse steps having Ganita Sutras as the starting point and Sathapatya Measuring Rod as the end reach point.
20. One may have a pause here and take note that ultimately and it is the existence phenomenon itself which is the subject matter of chase of Vedic systems.
21. The existence phenomenon is being approached as a single integrated whole some phenomenon as the single discipline range and that being so the Vedic knowledge is the wholesome single discipline of knowledge being worked out by single alphabet and single measuring rod format i.e. of Sathapatya Measuring Rod and Devnagri alphabet.
22. The existence phenomenon is being chased in terms of human frame.
23. The existence with in and beyond human frame is the existence phenomenon of parallel values .
24. It is this feature which at the base of the organization value of Vedic knowledge as a single wholesome discipline being worked with in human frame as chase of Solar universe along Sathapatya Measuring Rod and in terms of articulated sounds of Devnagri alphabet.
25. One shall sit comfortably and permit the transcending mind to glimpse all these features of Vedic systems and to imbibe the same to acquire proper in sight enlightenment about Vedic systems and Vedic knowledge as well.

SECTION –III, TRILOKI & TRIMURTI  
ASPECT 13, GANITA SUTRA 1 FORMAT

1. Ganita Sutra 1 “ Eka Adhikena Purvena” literally means one (step) more than ( ahead) of ( value) at East ( Placement).
2. At East placement is Sun.
3. A step ahead of Sun is reach at Polestar.
4. Sun ( Value 6) and Polestar ( Value 7) , that way makes the attainment as a reach from 6 space ( hyper cube 6 format ) to 7 space ( hyper cube 7 format)
5. One may have a pause here and take note that the chase along the format of Sathapatya Measuring Rod, as such would be chase of the reach of hyper cube 6 ( domain) .

6. This beginning of chase with in 6 space domain , as such would be of the range of reach upto 7 space ( in the role of origin of 6 space domain).
7. One may have a pause here and take note that the first letter of the text of Ganita Sutra 1 is the sixth vowel .
8. The last letter of the text of Ganita Sutra 1 is the first vowel.
9. One may further have a pause here and take note that Lord Krishna , incarnation of Lord Vishnu , enlightens Srimad Bhagwat Geeta as that amongst syllables, he is the first syllable.
10. It is this reach from sixth vowel to first vowel as syllable , deserves to be comprehended well .
11. One may further have a pause here and take note that Patanjala Yog Darshan in its Vibhootipada enlightens about the Sidhhi of Bhuvans by having Yogic disciplines ( Sayyam) of Dhyan, Dharna and Smadhi ) upon Surya ( Sun ) .
12. One may have a pause here and take note that there are 14 Bhuvans.
13. Further a further have a pause here and take note that one shall be face to face with the reality of a last few centuries commentaries and Gurukul tradition of teaching and practice of Yogic discipline values of this Sutra and this will help us appreciate as to how the Vedic systems values have gone out of the comprehension reach of these generations.
14. With this background, it can be said that the ancient wisdom deserves to be revived by approaching ancient wisdom, the ancient wisdom way , and for it beginning is to be made afresh .
15. This as such brings to focus the necessity for reviving the learning and teaching of ancient wisdom in the right earnest and in a systematic sequential steps.
16. Vedic Mathematics is the basic values reservoir .
17. Let us initiate ourselves well in terms of Ganita Sutras.
18. Vedic group of disciplines deserves to be introduced as main stream schooling instructions .
19. The fortunate thing is that the values of Vedic systems are well preserved and these have the potentialities to revive the ancient wisdom of its original glory.
20. It is only the intensity of our urge to know which is wanting .
21. The revival of ancient wisdom will also help the modern mind to melt its mental blocks.
22. The mental blocks and mathematical knots being confronted by present day system will be having blissful answers from the ancient wisdom values and virtues.
23. The humanity at large is going to be benefited manifold by revival of the ancient wisdom.
24. It is not only the health concerned, but also the happiness index of the individuals and groups as well finds bliss with this happening of revival of the ancient systems.
25. Our understanding of the existence phenomenon on the whole is bound to be transformed.
26. Many of the distortions of present day life style will wither away of their own

27. It may be out of conceptual comprehension of many as that that existence with in human body is of the order of whole of the Universe.
28. It would be blissful to be through the contents index of Chark Samhita.
29. The values of this scripture deserve to be visited and revisited for their comprehension and imbibing .
30. Let us approach Vedic knowledge with urge of intensity to know and to imbibe its values and virtues.
31. It would be blissful to chase the existence phenomenon in terms of unified values format of Vedic systems.
32. Unification of geometric format numbers values , sound light frequencies , intelligence and consciousness bits and all that are awaiting to be availed by us .

SECTION –III, TRILOKI & TRIMURTI  
ASPECT 14, ORGANIZATION OF RIGVED SAMHITA

1. Success of Vedic system lies in parallel chase of knowledge and organization of knowledge.
2. One way to put it may be as that pure and applied knowledge run parallel to each other.
3. The chase of knowledge as a single wholesome discipline simultaneously covering all values of pure and applied nature of knowledge, is the unique feature of ancient wisdom systems.
4. Rigved Samhita is the source scripture of Vedic knowledge .
5. Originally there was one way .
6. This scripture was organized as four scriptures/Vedas namely Rigved, Yajurved ,Saamved and Atharved.
7. Further these were elaborated as 21, 101,1000 and 9 branches respectively.
8. Each of these 1131 branches had distinct samhita, brahmana, aryanak and Upnisad, this this way makes a big range of 4524 vedic scriptures.
9. Further each Ved has distinct Upved namely Ayurved is the Upved of Rigved; Dhanurved is the Upved of Yajurved; Gandharv Ved is the Upved of Saamved and Sathapatya Ved is the Upved of Atharv Ved.
10. Though all the scriptures have not reached us but fortunately Sakla Rigved Samhita has reached us in its entirety beginning with it first syllable and reaching upto its last 432000th .
11. As the tradition goes, whole range of Vedic scriptures can be reconstructed and revived in terms of the values of Sakla Rigved Samhita itself.
12. Sakla Rigved Samhita is a scripture of 432000 syllables.
13. Out of it 34735 syllables are unmanifest ( unwritten).
14. The remaining text in written form is the text of 397265 syllables.
15. This text is organized as 10552 richas.
16. These richas are organized as 1024 sukhtas and 2028 vergas.
17. Still further these sukhtas and vergas are organized as 85 anuvaks.
18. This is further organized as 10 mandals and 8 ashtaks.

19. This organization deserves to be comprehended and imbibed by its chase along the Sathapatya Measuring Rod format.
20. This chase along the Sathapatya Measuring Rod format shall be bringing us face to face with the manifestation format of Creator's space .
21. Further it shall also be bringing us face to face with the transcendence through the manifested creation .
22. This transcendence through the manifested creation is of transcendence range format of the transcendental origin of Creator's space.
23. The organization of Sakla Rigved Samhita text and the values of Rigved run parallel to each other .
24. This chase of values of Rigved Samhita along the organization format of Rigved Samhita shall be bringing us face to face with the values of Rigved accepting further leads to Yajur Ved , Saamved and Atharav Ved values.
25. One may have a pause here and take note that the values of Ayurved, the Upved of Rigved are the applied values of Rigved.
26. It would be a blissful exercise to chase organization of Chark Samhita along the format of Sathapatya Measuring Rod.
27. One may have a pause here and take note that Sathapatya ved, the Upved of Atharv Ved is the basic applied value source for the discipline of Vedic Mathematics Science and Technology.
28. Sathapatya Upved accepts Sathapatya Measuring Rod as the basic chase format.
29. With it , the Sathapatya Measuring Rod becomes the basic tool of Vedic Mathematics Science and Technology.
30. Sathapatya Measuring Rod being the basic tool of Vedic Mathematics Science and Technology as such the initiation of the knowledge of the discipline of Vedic Mathematics Science and Technology, matter can be had with the understanding of the format and features of the Sathapatya Measuring Rod.
31. Sathapatya Measuring Rod is the synthetic set up of hyper cubes 1 to 6.
32. Hyper cube is of the format of four fold manifestation layer.
33. These four folds of manifestation layers are a set of 4 consecutive dimensional spaces.
34. This, as such makes it possible to have simultaneous chase in terms of Yoga Nishtha and Sankhya Nishtha as Yoga Nishtha avails numbers presuming the existence of geometric format while Sankhya Nishtha avails numbers presuming the existence of geometric format.
35. With this the simultaneous availability of numbers and geometric formats, Vedic systems acquire very rich range of potentialities to work out sound and light frequencies, as well as intelligence and consciousness bits .
36. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and imbibe features and values of organization format of Sakhla Rigved Samhiya by its chase along the format of Sathapatya Measuring Rod.

SECTION –IV, MENTAL STATES  
ASPECT 15, EXISTENCE WITH INHUMAN FRAME

1. Vedic systems chase existence phenomenon .
2. Chase of existence phenomenon is as of existence in its entirety.
3. This chase is of the features of existence with in frames and existence beyond frames.
4. The specific chase of Vedic systems is of existence with in human frame and existence beyond human frame.
5. Vedic systems blissfully reach at the conclusion that the existence values, format and its features of Universe is parallel to existence values, format and features with in human frames.
6. Chase of existence phenomenon with in human frames, as well as beyond human frames, by the Vedic systems is along the format of Sathapatya Measuring Rod.
7. The Sathapatya Measuring Rod is a synthetic set up of hyper cubes 1 to 6.
8. The synthetic set up of hyper cubes 1 to 6 is of the potentialities of exhaustive coverage of 6 space domain ( Sun), as of expression values parallel to the format and values of our Solar universe..
9. Hyper cubes 1 to 6 accept domain boundary ratio for hyper cubes 1 to 6 being  $A^n: 2nb^{n-1}$ , N= 1,2,3,4,5 & 6.
10. This leads to sequence range of boundary components of hyper cubes 1 to 6 being the values range parallel to ( 2,4,6,8,10,12) .
11. Scriptures preserve that human frame is of the format and values of Shud Chakras ( 6 circuits) of external characteristics of values range ( 2,4,6,8,10,12).
12. One may have a pause here and take note that these external characteristics values, and the values sequence of boundary components are of hyper cubes 1 to 6 are of parallel values range ( 2,4,6,8,10,12).
13. One may have a pause here and permit the transcending mind to continuous remain in prolonged sitting of Trans and to glimpse and imbibe the values and virtues of above common values range for the Solar universe as well as of human frame set up.
14. One may further have a pause here and take note that  $1+2+3+4+5+6=21$  is PARALLEL to the features of 21 branches of Rigved.
15. One may further have a pause here and take note that Ayurved is the Upved of Rigved Samhita.
16. It would be a very blissful enlightenment to glimpse the pure and applied values of Sakla Rigved Samhita and Chark Samhita.
17. The values of these two universal scriptures deserve to be imbibed fully.
18. These values shall be bringing us face to face with the “ Shareer Yantra”.
19. The Antah Karan is the set up of four folds namely Manas, Budhi, Chit, & Ahnkar.
20. These four folds ultimate supports of existence phenomenon with in human frame, as such bring us face to face with the mental states.

21. The existence values differentiation for one from another is there because of the mental states at which the individuals are living.
22. The mental states are the potentialities index of the individuals.
23. These mental states , as such also may be taken as the mental blocks as each mental state is a set up of particular potentialities domain.
24. The manifestation and de-manifestation of mental states and transition from one mental state to another mental state are the aspects of which the Sadhakas have to be ever conscious.
25. Vedic systems chase of these features of mental states as well avails the format of Sathapatya Measuring Rod itself.
26. The mental states, as such are sequentially manifestation formats and their synthetic coordination as well is parallel to the synthetic coordination set up of hyper cubes of the set up of Sathapatya Measuring Rod itself.
27. This , that way, brings us face to face with the manifestation and de-manifestation of dimensional frames, as well as the sequential transition from given order dimensional frame to the next order dimensional frame.
28. This , this way, brings us face to face with the manifestation and de-manifestation of dimensional frames.
29. Further as to the transition from a given order dimensional frame in to next order dimensional frames.
30. Still further it also brings us face to face with the phenomenon of sequential coordination of the dimensional frames.
31. One may further have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to be face to face with this phenomenon of coordination of dimensional frames, mental states and the Sathapatya Measuring Rod, all going to be parallel to each other.
32. One shall visit and revisit this parallel coordination phenomenon of dimensional frames, mental states and Sathapatya Measuring Rod formats.
33. With it , ultimate focus shifts to the transition from the dimensional domain of given space to the dimensional domain of the next space.
34. This, as such shall be bringing us face to face with the phenomenon of transition of the space content of given dimensional space to the space content of the next higher order dimensional space.
35. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse this phenomenon of sequential transition of the dimensional spaces contents in a sequential way parallel to the sequential coordination of Sathapatya Measuring Rod itself.
36. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans to be face to face with the mental states as mental blocks being of the format and features of the framed domain folds of dimensional spaces.



SECTION –IV, MENTAL STATES  
ASPECT 16, MENTAL STATES AND REAL SPACES.

1. Real spaces of the individuals are, as are their mental states.
2. Mental states go parallel to the cognizance restrictions upto and because of the dimensional frames framing and enveloping the space content lump as manifested domain.
3. One sitting in a room acquires mental state of cognizance limitation because of the walls ( including floor and roof ) .
4. This mental state goes parallel to a 3 space set up dominated by 3 space content manifesting as of domain fold enveloped with in a spatial boundary.
5. The melting of this mental condition would be visible, the moment one would be out of the room , as with it the obstructive spatial frame of walls of rooms will no more be there , and this freedom from the restrictive cause shall be leading to transition from the existing 3 space mental state to the next mental state.
6. One may have a pause here and permit the transcending mind to chase and re-chase this transition from the restrictive spatial boundary of room/cube/ hyper cube 3.
7. With the freedom from the restrictive spatial boundary , one like any other solid, will be blissfully acquiring a degree of freedom of motion, which shall be adding new dimension to the existing mental state of 3 space and thereby there would emerge a transition and attainment of 4 space existence.
8. This 4 space existence , like previous stage, 3 space existence by being confined to a room , room/cube/hyper cube 3 now shall be making it to be of the order of creative domain ( 4 space domain).
9. This is going to be of the format and features of one confining oneself with in hyper cube 4 .
10. One may have a pause here and take note that hyper cube 4 accept solid boundary .
11. With it , follow the restrictive feature of solid boundary.
12. The mental state because of restrictive solid boundary , as such shall be of the format and feature of the manifested domain fold of hyper cube 4 .
13. This is going to be of the features of 4 space content manifesting as domain fold of hyper cube 4 .
14. It is going to be a framed domain of solid boundary and to be with in a spatial order dimensional frame of quadruple dimensions.
15. One may have a pause here and permit the transcending mind to visit and revisit transition from mental state of format and features of 3 space content manifesting as framed domain fold of spatial boundary and to be with in a linear order dimensional frame of 3 dimension of 3 space to be mental state of the format and features of 4 space content manifesting as framed domain fold of solid boundary and to be with in a spatial order dimensional frame of quadruple spatial dimension.

16. One may have a pause here and permit the transcending mind to visit and revisit this transition phenomenon of the mental state of the format and features of 3 space domain to mental state of 4 space domain.
17. With perfection of the comprehension and imbibing of the values of this transition phenomenon from the mental state of 3 space restriction to be mental state of 4 space restriction, one may take a step further for attaining further transition from the existing 4 space content formatted mental state to the next 5 space content manifested state.
18. One may have a pause here and take note that 3 space content is designated as a physical content.
19. As such 3 space content manifests as physical domain.
20. The corresponding mental state, as such may be designated as a physical cognizance mental state.
21. A step ahead is lively a mental state of creative cognizance potentialities.
22. These creative cognizance potentialities of mental state are there parallel to the format and features of 4 space domain.
23. 4 space domain is designated as the creative domain.
24. The creative domain is a spatial order domain as 2 space plays the role of dimension of 4 space.
25. One may have a pause here and take note that 3 space is a linear order space, while 4 space is a spatial order space, as such physical mental state is a linear order cognizance mental state, while the creative mental state is of spatial order cognizance mental state.
26. A step ahead is a solid order cognizance mental state.
27. It is designated as transcendental mental state.
28. The transcendental mental state is of the format of transcendental domain ( 5 space).
29. Transcendental domain ( 5 space domain) is a solid order domain.
30. One may have a pause here and to sequentially glimpse the format, features, values and virtues of linear order cognizance mental state, spatial order cognizance mental state and solid order cognizance mental state.
31. A step ahead of physical mental state of linear order cognizance, creative mental state of spatial order cognizance and transcendental mental state of solid order cognizance, is there a self referral mental state of creative order cognizance.
32. 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 virtues of creative order ( 4 space as dimensional order) cognizance mental state of self referral domain ( 6 space as domain) which is going to be of the order of the Solar Universe.
33. Vedic systems chase step ahead for attainment of unity state mental state.
34. Here the cognizance order is of unity state ( 7 space in the role of dimension of 9 space).
35. It is this attainment, with which, one shall be in a position to directly interact with nature ( Asht Prakarti/8 space set up).

36. Simultaneously one shall be capable of interacting with Nav Braham ( 9 space) .
37. It is the attainment which is aspired and urged by the Sadhakas .
38. It is the most blissful state.
39. It is the enlightenment state.
40. One shall sit comfortably and permit the transcending mind to sequentially glimpse the transition phenomenon starting with physical mental state and sequentially reaching at creative mental state, transcendental mental state, self referral mental state and unity state mental state.
41. One may have a pause here and take note that this transition phenomenon would be parallel to the format of transcendence range ( 3 space, 4space, 5 space, 6 space and 7 space) .
42. It would be parallel to values transcendence range ( 3,4,5,6,7) with summation value  $3+4+5+6+7=25$ .
43. It would be blissful to tabulate formulations of transcendental code value 25.
44. Prithvi , Aushdhi, Vishnu are the formulations entries of this tabulation.
45. One shall enrich this tabulation.
46. One shall continuously endeavour for attainment of sequential mental states of higher and higher orders.

SECTION –IV, MENTAL STATES  
ASPECT 17, CREATIVE MENTAL STATES

1. Creative mental state is of format and features parallel to that of creative domain ( 4 space domain).
2. 4 space domain is a spatial order domain ( 2 space in the role of dimension of 4 space).
3. The creative mental state, as such is of spatial dimensional order.
4. The cognizance order of creative mental state is of spatial order set up.
5. The spatial order set up is of different features and values than that of linear order set up.
6. It would be a blissful exercise to glimpse differentiation features of linear order set up and spatial order set u.
7. One way to comprehend the distinguishing feature of linear order set up and spatial order set up would be to comprehend and appreciate the distinguishing features and values of 3 dimensional frame of 3 linear axes set up than that of 4 space dimensional frame of 4 spatial dimensions.
8. One may have a pause here and take note that first distinguishing features as such would be that in case of 3 space, the dimensions are linear while in case of 4 space, the dimensions are spatial.
9. Further as that that the number of dimensions of 3 dimensional frame are three while number of dimension of 4 dimensional frame are 4.
10. One may have a pause here and take note that linear order, as such is making available the organization format of a line.
11. However, the spatial order set up provides organization format of a surface.

12. One may have a pause here and permit the transcending mind to glimpse and be face to face with the distinguishing feature of organization feature of a line from that of organization format of a surface.
13. As such the cognizance of physical mental state is going to be of the attainments parallel to the organization of line only.
14. However, the cognizance of creative mental state is going to be parallel to the organization format of the surface.
15. Such is the wide difference of cognizance spectrum of physical mental state from that of creative mental state.
16. Physical mental state being of a linear order , the same as such restricts cognizance only upto the format of hyper cube 3.
17. However, the cognizance coverage range of creative mental state is going to be of the format and values of hyper cube 4.
18. It is this wide range of differences that physical mental state individuals and creative mental state individuals make distinct classes for themselves.
19. For transition from the physical mental state to creative mental state, one shall transit from the format of hyper cube 3 and to reach the format of hyper cube 4.
20. Here it would be relevant to take note that 3 space plays the role of dimension of 5 space while 4 space plays the role of dimension of 6 space.
21. Likewise one can sequentially chase the roles of 3 space and 4 space respectively as dimension folds, boundary folds, domain folds, origin folds base folds and even as formats of base folds.
22. For perfection of creative mental state , one shall visit and revisit the creations during different roles of 4 space.
23. One may have a pause here and take note that Lord Brahma, creator of the Supreme, is the presiding deity of 4 space.
24. Lord Brahma is a four head Lord with a pair of eyes equipped in each of the quadruple heads.
25. This, as such will help us comprehend the expression range of creative cognizance mental state.
26. It is with creative cognizance mental state that one shall be working out 4 space Mathematic, Science and Technology.
27. Systems of 4space VMS&T are of creative cognizance format.
28. Sadhakas aspiring for the values of 4 space VMS&T shall aspire for attainment of creative cognizance mental state.
29. It is only with the creative cognizance mental state that one shall be working out the values of 4 space as a real 4 space.
30. The reality of 4 space is a real only for the individual who are of creative mental state.
31. All those who are not of creative mental state, cannot visualize the values and virtues of reality of 4 space.
32. As such Sadhakas aspiring for the values and virtues of the discipline of 4 space VMS&T shall first of all aspire and attain creative mental state, as it is only the creative mental state which can comprehend and imbibe the values and virtues of reality of 4 space.

33. Reality of 4 space is the lively reality but the same is beyond the cognizance potentialities of those who are only at physical mental state and have been victim of physical mental state blocking.
34. It is only with the melting of restrictiveness of physical mental blocking that one can aspire and attain creative cognition and it is only with the attainment of creative cognition that one shall be glimpsing and imbibing the values and virtues of 4 space reality.
35. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the values and virtues of 4 space reality.

SECTION –IV, MENTAL STATES  
ASPECT 18, TRANSCENDENTAL MENTAL STATE

1. Transcendental mental state is of values and virtues parallel to that of 5 space domain.
2. Reality of 5 space comes with in the cognizance range of transcendental mental state.
3. Transcendental cognizance state is a step ahead of creative mental state, which is parallel only to the formats , features and values of creative domain ( 4 space domain)
4. One may have a pause here and take note that 5 space plays the role of origin fold of hyper cube 4.
5. 5 space as origin of 4 space , will come with in the cognizance of Sadhakas who can transcend through the origin of 4 space itself.
6. The reality of 5 space for creative mental state individuals will be only of the feature of origin of 4 space being of repulsive feature reverting the cognizance progression and diverting it back to 4 space domain.
7. This way, one of the features of which the creative mental state individuals may become conscious would be as that the repulsiveness for the cognizance progression with in creative domain ( 4 space domain) is there because of its blocking by the transcendental domain.
8. However, for the Sadhakas to be free of this restrictive repulsiveness for cognizance progression, one is to transcend through creative domain ( 4 space domain) .
9. As such the cognizance of 5 space reality is straight a way linked with the transcendence from 4 space domain .
10. It is only by transcendence through manifested domain that one can reach at base of the origin of the manifested domain.
11. One may have a pause here and take note that origin of manifested domain is of a higher degree order than that of the domain itself.
12. One may have a pause here and take note that it is because of this feature of higher dimensional order of origin than that of domain that transcendence would be of the nature of translation of the order of domain while it is riding and being carried by the higher order of the origin.
13. 5 space is a solid order space.

14. 4 space is a spatial order space.
15. The creative mental state is of format and features of a spatial order set up
16. The transcendental mental state is going to be of solid order set up.
17. One may have comprehensive view of the differentiating formats for transcendental domain and creative domain by having a comparative tabulation of the creations emerging while 4 space and 5 space are playing different roles.
18. 4 space as dimension fold creates 6 space domain while 5 space as dimension fold creates 7 space domain.
19. Further 4 space is the boundary fold of 5 space, while 5 space itself is the boundary fold of 6 space.
20. 4 space is the origin of 5 space while 5 space is the origin of 6 space.
21. 4 space as base of 3 space as origin of hyper cube 2 is of different structural format than that of 5 space as base of 4 space as origin of 3 space as domain.
22. One may have a pause here and take note that Lord Shiv, 5 head Lord is the presiding deity of 5 space.
23. Each of the 5 heads of Lord shiv is equipped with triple eyes.
24. 4 space is presided by Lord Brahma, 4 head Lord with each of quadruple eyes being equipped with a pair of eyes.
25. One may further have a pause here and permit the transcending mind to glimpse and to be face to face with the transcendence phenomenon of Lord Brahma, meditating with in his own cavity of heart upon transcendental Lord Shiv and with the grace of transcendental Lord, Lord Brahma multiplies 10 fold in Shivlok ( 5 space).
26. One may have a pause here and take note that Sadhakas aspiring for transcendence from creative 4 space domain to transcendental 5 space domain shall follow and transcend Lord Brahma way .
27. The reality of transcendental mental state is the reality of complete transcendence from manifested creative 4 space domain to transcendental 5 space domain.
28. One shall sit comfortably and permit the transcending mind to go the Brahma way and to transcend and multiply.
29. It is this virtue of transcending and multiplying which is unique in there in transcendental mental state .
30. The creative mental state is of different values.
31. The physical mental state is still of different features.
32. The transcendental virtues, creative values and physical features are the characteristics in terms of which one may distinguish the cognizance ranges of physical mental state, creative mental state and transcendental mental state.
33. Vedic systems reach at distinguishing feature of physical mental state, creative mental state and transcendental mental state in different ways and one of the ways is to chase along single axis, along pair of axis and then along triple axis.
34. It may be a change 1 as 1 , 2 as 1 and 3 as 1 .
35. It may be other way round as well as that 1 as 1 , 1 as 2 and 1 as 3 .
36. Still the chase may be as ( 1), (1,2) and as ( 1,2,3).

37. The transcendental domain as 5 space may be chased as number value 5 .
38. It may be a chase as of triple steps parallel to triple values ( 1,3,5), designated as transcendence triple.
39. This transcendence triple values (1,3,5 ) is parallel to transcendence triple spaces coordination of ( 1 space, 3 space, 5 space)
40. This coordination is parallel to format and features of ( 1 space as dimension of dimension, 3 space as dimension and 5 space as domain.
41. It is this reach from domain to dimension of dimension which deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing as the transcendence from domain fold is to be through origin fold and same is to reach upto the base fold.
42. It is this reach from domain fold to base fold through origin fold , which also would be attainable in reverse orientation as a reach from base fold to domain fold through origin fold.
43. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to perfect transcendental mental state

SECTION –IV, MENTAL STATES  
ASPECT 19, SELF REFERRAL STATE

1. Self referral state is intelligent state of consciousness based intelligence.
2. Number 6 is the perfect number.
3. Further  $6 = 1+2+3 = 1 \times 2 \times 3 = 2+2+2$  .
4. Still further dimensional synthesis value of triple dimensions of any order is 6 i.e. ( N,N,N)= 6.
5. These features make number value 6 to be uniquely unique .
6. Further as that  $1+2+3 = 1 \times 2 \times 3 = 2 \times 3$  and  $2+3= 5$ .
7. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above values.
8. 4 space plays the role of dimensional 6 space.
9.  $2+2 = 4$  and  $3+3=6$  .
10. However  $2 \times 2 = 4$  and  $3 \times 3 = 9$ .
11. One may have a pause here and take note that 4 space has 9 geometries range.
12. Still further ( 6, 7,8,9) brings to focus the coordination of 6 space as dimension and 9 space as origin.
13. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above values.
14. Sun has number value 6.
15. Sun is a six space body.
16. 6 space as domain accepts Sathapatya Measuring Rod synthesized by hyper cubes 1 to 6 .
17. 6 space domain accepts transcendence triple ( 2,4,6) / ( 2 space , 4 space, 6 space as of the format of ( dimension of dimension, dimension, domain) .

18. One may have a pause here and take note that 3 dimensional frame permits split in to a pair of 3 dimensional frames of half dimensions of opposite orientation.
19. Numerals pair ( 3,6) in their Devnagri script constitute a reflection pair.
20. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above values.
21. As 4 space plays the role of dimension and 4 space itself is of a spatial order space, as such 6 space becomes a uniquely different domain which permits transcendence from domain to dimension to dimension of dimension and still permit transcendence further and there is a reach to zero space.
22. On the other hand, 5 space domain permits transcendence triple (5,3,1) and in case of further transcendence there would be a reach from 1 to -1 which would mean reversal of progression.
23. In case of 5 space domain, there happens to be a reversal of progression while in case of 6 space there happens to be a reach at the zero value.
24. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the above values.
25. These distinguishing features of Self referral domain ( 6 space as domain) mix it a mental state and simultaneously makes it a consciousness state as the spatial order at dimension of dimension level, that way makes a choice of axes which is no more available for linear order.
26. It is this permissibility of choice of one out of two which is no more available for one out of one , which makes all the difference .
27. One may have a pause here and take note that this brings us face to face with the availability of choice for one out of two at the stage of dimension of dimension which as such is the choice at the stage of Kaaran Shareer ( Casual body) .
28. It is this feature of the casual body which makes the mental state at this stage being not only an intelligence stage but also makes it a consciousness state.
29. One may have a pause here and permit the transcending mind to glimpse the values of pair of formulations namely: Jad and Chetan.
30. It would be a blissful exercise for the Sadhakas to distinguish between the Jad Tattav and Chetan Tattav.
31. It is this distinction which will help us comprehend and imbibe the values of Self referral state.

#### SECTION –IV, MENTAL STATES ASPECT 20, UNITY STATE

1. Unity state is the existence state of unity state order ( 7 space in the role of dimension).
2. Number value 7 is the biggest numeral value of 9 numeral range of 10 place value system.
3. 3 space has 7 geometries range.



4. Parallel to it , there are 7 versions of cube.
5. All the 8 corner points of cube get coordinated sequentially arranged 7 edges of the cube.
6. 7 space accepts transcendental dimension order ( 5 space in the role of dimension) .
7. 7 space plays the role of origin of 6 space.
8. Number value of Polestar is 7 .
9. Hyper cube 7 accepts Self referral boundary of 14 components.
10. One shall sit comfortably and permit the transcending mind to glimpse above features of number value 7 and of unity state.
11. Unity state is the state of consciousness.
12. 6 space is the state of intelligence as well as consciousness.
13. 5 space is a state of intelligence of transcendental features.
14. 4 space is intelligence of creative features.
15. 3 space is intelligence only of physical features.
16. A reach from physical intelligence to consciousness state is a big reach aspired by the Sadhakas.
17. With attainment of unity state consciousness, there emerges unison of its own with Asht Prakarti and Nav Braham, and even with Par Braham.
18. It would be very blissful to chase four fold manifestation layer 7,8,9,10.
19. The summation value  $7+8+9+10 = 34 = NVF ( One)$ .
20. One shall sit comfortably and permit the transcending mind to glimpse above features of number value 7 and of unity state.
21. One may have a pause here and take note that Divya Ganga flow emanates as 7 streams flow from the Bindu Sarovar .
22. It is this feature which deserves to be comprehended well and to be thoroughly appreciated for its complete imbibing to have its deep insight and enlightenment about the unity state.
23. One shall sit comfortably and permit the transcending mind to sequentially reach from linear order 3 space domain to transcendental order unity state domain.
24. Further one shall reach from transcendental order unity state to self referral order Asht Prakarti.
25. A step ahead one shall reach from unity order Brahaman domain.
26. Still further one shall aspire to reach Par Braham origin of unity state order.
27. It would be blissful to chase Divya Ganga flow through Bindu Sarovar as 7 stream flow reaching upto Ardhmatra component of sole syllable Om.
28. A step ahead there would be a reach upto Tripundam of linear order.
29. One may have a pause here and take note that unity state consciousness permits coordination at the physical format as coordination of Trishapta ( 3 and 7).
30. With it begins the enlightenment of Atharv Ved .
31. With it is initiated Sathapatya .