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

List 1 Different aspects of Vedic Mathematics
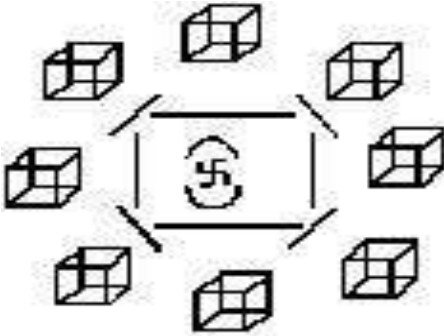
Aspect 1
Creator's Space

1. *Creator's space*
2. *Concepts and terms dictionary*
3. *Real 4-space*
4. *Location of 4-space at centre of the cube*
5. *Blissful exercises*
6. *Spatial order dimensional frame*
7. *Domain as boundary fold of origin*

1

CREATOR'S SPACE

1. Vedic systems settle real 4-space as creator's space. It is presided by Lord **Brahma**.
2. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the values and virtues of Vedic Mathematics, Science & Technology shall face the values and features of Idol of Lord **Brahma** to initiate oneself for the Transcendental Existence Phenomenon of real 5-space.

3. Lord Brahma is a four head Lord. His each head is equipped with a pair of eyes.
4. Lord Brahma sits graceful upon the lotus seat of eight petals and mediates within its own heart within the transcendental Lord Shiv.
5. With the grace of transcendental Lord Shiv, Lord Brahma multiplies ten folds as ten **B**rahmas enveloping transcendental domain.
6. Let us have a pause here and have a fresh look at features and values of idol of Lord Brahma. These are parallel to features and values of hyper cube 4, a representative regular body of 4-space.
7. Hyper cube 4 is a 4-space body. It is a set of quadruple spatial dimension. It domain is enveloped within eight solid Components. It origin is of solid order transcendental domain.
8. Under transcendental effect of solid order of transcendental origin, the creative domain gets flow along all ten directions to manifest as creative boundary of ten Components of transcendental domain of 5-space content.
9. It would be a blissful exercise to revisit above features and values of idol of Lord Brahma and of hyper cube 4 and to reach at the following comparative tabulation there of:

| LORD BRAHMA	HYPER CUBE 4
Four heads	Four dimension
Pair of eyes	Spatial dimension
Eight petals	Eight solid components
Seat of Lord Shiv in cavity of heart	5-space origin

2

CONCEPTS & TERMS DICTIONARY

1. Discipline of Vedic Mathematics Science & Technology has its specific concepts and terms.
2. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the values and virtues of Vedic Mathematics Science & Technology shall reach at one own dictionary.
3. One shall continuously update one's dictionary.
4. One shall fully express oneself in one's dictionary about one's comprehension and imbibing of the values of specific

concept and terms of Vedic Mathematics Science & Technology.

5. Feature **Creative** be taken as being 4-space specific.

6. Likewise feature **Transcendental** be taken as 5-space specific.

7. Hyper cube 4 be taken as a set up of four folds being 'spatial dimension, solid boundary, creative domain and transcendental origin.

8. One shall comprehend and imbibe 'head as dimension'. And, 'eyes as order of the dimension'.

9. Further, cavity of heart be taken as origin within the domain.

10. One shall fully express one's comprehension of the features of technical terms like 'space, space content, space body, dimensional space, dimension, boundary, domain, origin'.

11. One shall further also express about the equivent with the symbols of hyper cubes 1, 2, 3, 4, 5 and 6 being representative regular body of 1-space to 6-space respectively as of script form.

Hyper cubes 1 to 6

| 1 | 2 | 3 | 4 | 5 | 6 |

12. One shall further express their distinct comprehension and imbibing of distinctive features of domain and boundary parts of hyper cubes 1 to 6 being of script form as:
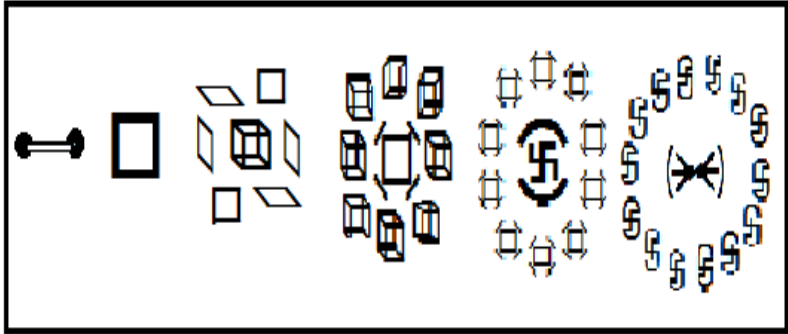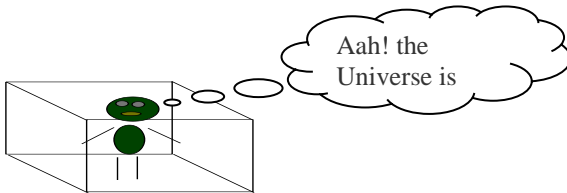

13. Like that, one shall continue updating one dictionary.

3

REAL 4-SPACE

1. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the features, values and virtues of Vedic Mathematics Science & Technology shall first of all melt their mental state of static existence phenomenon.
2. Static point is of 'zero length' and the dynamic point avails format of line (a 1-space body).
3. Likewise, static line is of 'zero area' and dynamic line avails the format of a surface (2-space body format)
4. A step ahead, static surface is of zero volume and dynamic state surface avails format of solids / 3-space body format.

5. A step ahead, a static solid is of zero hyper (creative) domain value and the dynamic solid avails creative domain format.

6. Dynamic point takes to 1-space format, dynamic line takes to 2-space format and dynamic solid takes to 4-space (creative) domain.

7. The space around us which permit us to be in a dynamic state, becomes of four (and of higher dimensional) format.

8. It is this sequential unfolding feature of the space of our existence whose values and virtues deserves to be comprehended well and to be fully imbibed to acquire proper insight and to attain Appropriate enlightenment about the discipline of Vedic Mathematics Science & Technology of its real 4, 5 and higher dimensional orders.

9. One may have a pause here and to pause to oneself as to how static state mental blocks can be melted by transiting into dynamic state steps.

10. It is the boundary fold which sets the domain fold into static state and as a result there of creates a mental block for the existence phenomenon of such domain.

11. When one sit within a room, its four walls, roof and floor create mental block and state of existence phenomenon being of 3-space.

12. And, with it the space gets manifested as of 3-space set up.

13. The moment one comes out the room the existing mental state of within the state melts away and space outside the room under folds itself as of 4-space set up.
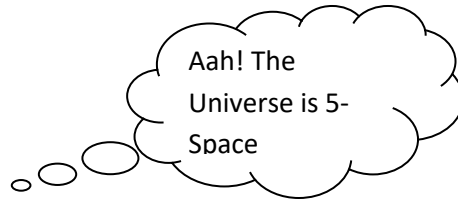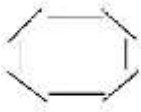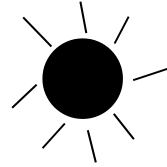

Aah! The Universe is

14. Now to melt mental state of 4-space, one is to come out of the set up of 4-space domain. The moment, one comes out of 4-space domain, the 4-space mental state melts and results
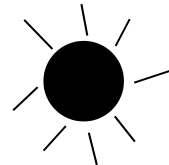
into a transcendental mental state of 5-space universe.

Aah! The Universe is 4-Space
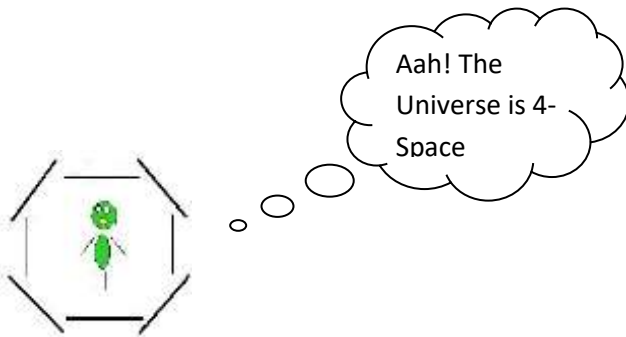
15. One shall update one's conceptual term dictionary by expressing fully as to one's comprehension and imbibing of values and features of 3-space mental state, 4-space mental state and 5-space mental state.

16. One shall further, express oneself fully as to one's comprehension and imbibing the values and features of transiting step of melting of 3-space mental state into 4-space mental state, and a step ahead, of melting of 4-space mental state into 5-space mental state.

17. One shall sit comfortably and to permit the transcending mind to sequentially face transition and transformation of 3-space mental state into 4-space mental state, and a step ahead of melting of 4-space mental state into 5-space mental state,

and a step further ahead of melting of 5 space mental state into 6-space mental state.

18. For 6-space mental state one may go parallel to static state of Surya (Sun) as manifested as 6-space domain.

19. Surya (Sun) a manifested 6-space domain, is of creative dimensional order (real 4-space being in the role of dimension of real 6-space) and Akash (5-space) being in the role of transcendental boundary (5-space as boundary) of self referral domain (6-space domain).

20. One shall update one's conceptual terms dictionary by adding entries of self referral domain (6-space domain)

4

LOCATION OF 4-SPACE AT CENTRE OF CUBE

● CENTER
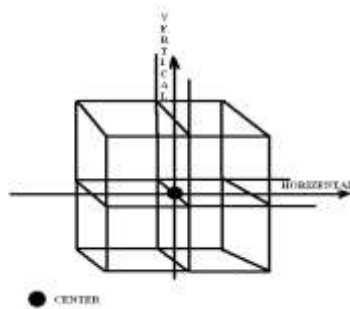
1. Parallel to eight octaves cut of space within a three dimensional frame of 3-space spatial dimension is a split of a cube as eight sub cubes.

2. The inner most corner points of eight sub cubes super imposed upon centre of the cube.
3. This split set up of the cube as eight sub cubes is of the features of centre of the cube being enveloped by eight inner most corner points of eight sub cubes of a cube.
4. This bring us face to face with centre of the cube in a zero volume hyper cube 4 enveloped within solid boundary of eight Components of zero volume each.
5. One may have a pause here and to sequentially chase the set ups of interval, square and cube being the representative regular bodies of 1-space, 2-space and 3-space respectively.
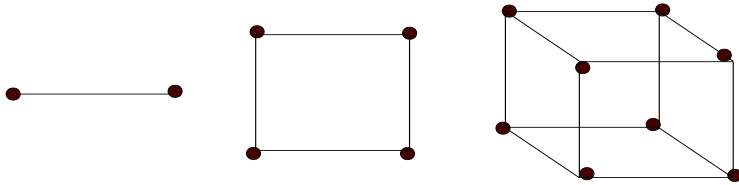
6. Interval with its pair of end points makes it a set up of a domain boundary ratio $A^1:2b^0$.
7. Likewise square with its four boundary lines makes it a set up of domain boundary ratio $A^2:4b^1$.
8. A step ahead, cube with its six surface plate makes it's a set up of domain boundary ratio $A^3:6b^2$.
9. One may have a pause here and take note that above triple formulation of interval square and cube become a specific

values of common domain boundary ratio formulation $A^n:2nb^{n-1}$, $N=1, 2, 3$.

10. One may have a pause here and take note that $N = 4$ leads us to domain boundary ratio $A^4:8b^3$, which is parallel to domain boundary ratio for the set up of hyper cube 4, being the representative regular body of 4-space.
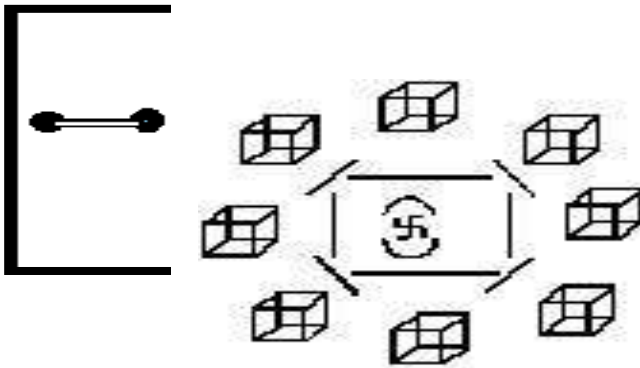
11. It would be blissful to glimpse and imbibe values and virtues of centre of the cube as a seat of 4-space in the manifested form of hyper cube 4 in its zero state.

12. Likewise, one can reach at centre of hyper cube 4 being a seat of 5-space in the form of hyper cube 5, the representative regular body of 5-space in its zero state.

13. It is this dual state of centre of the cube firstly being a point of a cube, and second being a point of hyper cube 4, which makes it to be of a spatial features and which deserves to be comprehend well for its through imbibing to acquire proper insight and to attain Appropriate enlightenment about the location of 4-space at centre of the cube.

14. And a step ahead, location of 5-space is there at centre of hyper cube 4.

15. One shall update one's conceptual terms dictionary by making an entry of features and values of centre of cube as a seat of real 4-space body.

16. And, in general, centre of hyper cube N is the seat of hyper cube N+1 in its zero state.

17. One shall also make an entry in one's conceptual terms dictionary about the set up of domain boundary ratio of hyper cube 5 being of features $A^5:10b^4$.

18. It would be blissful to visit the following expression of lord Brahma (over lord of 4-space) multiplying as ten brahmas with the grace of Lord Shiv, a transcendental phenomenon of creative domain being of flow along all the ten directions and manifesting a creative boundary of 10 Component of transcendental domain.

5
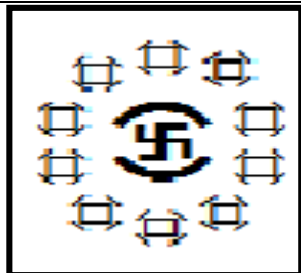
BLISSFUL EXERCISES

1. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the values and virtues of Vedic Mathematics Science & Technology shall undertake a blissful exercise to permit the transcending mind to be face to face with the features, values and virtues of idol of Lord Shiv within 4-space manifesting along the format of idol of lord Brahma. And to reach at transition from the set up of hyper cube 4 to the set up of the hyper cube 5.

2. Hyper cube 4 is four folds set up of spatial dimension solid boundary creative domain and transcendental domain.

3. Hyper cube 5 is four folds set up of solid dimension, creative boundary transcendental domain and self referral origin.

4. Features values and virtues of hyper cube 5 are parallel to features values and virtue of Lord Shiv.

5. Lord Shiv is a five head lord, with each head equipped with triple eyes.

6. Lord Shiv has ten beautiful arms.

7. Within cavity of heart of Lord Shiv is the seat of self referral Lord Vishnu.

8. 5-space as origin of 4-space and 5-space as boundary of 6-space, are the features of transcendental domain which deserves to be comprehended well for its through imbibing and complete appreciation to acquire proper insight and to

attain appropriate enlightenment about the existence phenomenon of transcendental domain.

9. One shall visit and revisit transcendental domain (5-space domain).

10. One shall sequentially chase 5-space domain in its role of dimension of 7-space, boundary of 6-space and origin of 4-space

11. One shall further chase 4-space domain in terms of hyper cubes 1, 2, 3, 4 for reach at origin of 4-space by enveloping transcendental origin with a creative boundary of ten Components.

12. Further, one shall approach 5-space domain in-terms of hyper cube, 1, 2, 3, 4, 5 by having a reach at the self referral origin in-terms of its transcendental boundary.

13. Further, one shall have a fresh look at the permissibility within 4-space domain in-terms of a set up of hyper cubes 1 to 4 for enveloping transcendental origin with creative boundary.

14. It is the organization feature of reach within 4-space domain in terms of its sathatpatya measuring rod as synthetic set up of hyper cubes 1 to 4.

15. And, as a step ahead, transcendental domain (5-space domain) permit approach for its self referral origin (6-space origin) interms of a Sathapatya measuring rod synthesized by hyper cubes 1 to 5 and same takes uptill transcendental boundary (5-space boundary) of self referral domain (6-space domain).

16. One shall update one's conceptual terms dictionary by making full expression entry of Sathapatya measuring rod of transcendental domain (5-space domain) for reach at transcendental boundary (5-space boundary) of self referral domain (6-space domain).

17. These blissful exercises will help prefect one's intelligence for comprehension and imbibing the values and virtues of transcendental domain (5-space domain) presided by Lord Shiv.

18. These exercises will built a proper intelligence foundation for comprehension and imbibing of one thousand transcendental formulation preserved as Shiv Shastarnam Stotram.

19. It is a takeoff of transcendental boundary Component from self referral domain to dimensionalize the outward space as a unity state space (7-space) as pole star universe lively as origin of s olar universe.

20. Sadhakas fulfilled with intensity of urge to glimpse and imbibe value and features of Vedic Mathematics Science & Technology shall sequentially chase a five folds transcendence range of values (3, 4, 5, 6, 7) / 3-space as dimension, 4-space as boundary, 5-space as domain, 6-space as origin and 7-space as base of origin.

21. It would be blissful to take note that summation value 3+4+5+6+7 = 25 is parallel to transcendental code value of formulation Vishnu, the over lord of solar universe.

22. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the values of discipline of Vedic Mathematics Science & Technology shall fully comprehend and to completely

imbibe the features values and virtues of one thousands transcendental formulations of Shiv Shastarnam Stotram.

SPATIAL ORDER DIMENSIONAL FRAME

1. 4-space is a spatial dimensional order space.
2. Dimensional space of 4-space set ups of quadruple spatial dimensions.
3. Parallel to quadruple spatial dimension set up is a set up of quadruple values (2, 2, 2, 2).
4. One may have a pause here and take note that summation and product value of this quadruple values are 8, 16 respectively.
5. One may have a pause here and take note that with $8 = 2^3$ and $16 = 2^4$. It brings us face to face with a set up of triple spatial dimension and a set of quadruple dimension spaces.
6. One may have a pause here and take note that 4-space domain is enveloped within a solid boundary.
7. One may further have a pause here and take note that 4-space domain is a spatial order domain, while 3-space domain (solid) is a linear order domain.
8. One may further have a pause here and take note that $2^3 + 2^3 = 2^4$. It brings us face to face with the future of cube splitting into 8 sub cubes with their inner most corner points superimposed upon the centre of the cube as a seat of 4-space and of the format of hyper cube 4 in its zero state.

9. This further brings us face to face with transcendental code value of formulation Ek being 8 and transcendental code value of formulation Dwa being 16.

10. One may further have a pause here and take note that origin of 3-space is 4-space and as such, linear order dimensional frame of 3 linear dimension permits superimposition of a three dimensional frame of triple spatial dimensional

11. Likewise the origin of 4-space being of solid dimension frame, as such spatial order dimensional frame of 4-space permits superimposition of solid order frame.

12. One may further have a pause here and take note that a linear dimensional frame of triple linear dimensional as $1x1x1 = 1$ with superimposition of spatial order as of value $2x2x2 = 8$ makes a set up of value $1+8 = 9$.

13. A step ahead, the spatial order dimensional frame of quadruple dimensional has of value $2^4 = 16$ with superimposition of solid order as of value $3^4 = 81$ makes the set up of value $16+81 = 97$, the biggest prime uptill 100.

14. One may further have a pause here and take note that value 9 is the value of the biggest numeral of ten place value system.

15. Further as that, the value 97 is the synthesis value of a pair of transcendental ranges of unity order (7-space) as dimension: $(7+8+9+10+11)+(7)+(7+8+9+10+11) = 97$

16. It would be blissful to glimpse and imbibe these features of phenomenon of superimposition of higher dimensional order upon the dimensional frame of lower dimensional order.

17. One may have a pause here and take note that this phenomenon is there because of origin being of a higher dimensional order than that of the domain.

18. One shall update one's conceptual terms dictionary by making an entry of full expression of this transcendental phenomenon of solid order of transcendental origin of 4-space superimposing upon the spatial order of 4-space.

19. It would be blissful to take note that 3-space splits into 8 octaves because of the superimposition of spatial order of 4-space origin of 3-space, which itself is of a linear order.

20. It would further be blissful to take note that it is this feature of creator's space (4-space), which makes it the creator's space.

21. One may have a pause here and take note that value 16 of spatial order dimensional frame of quadruple dimensional of 4-space is parallel to transcendental code value 16 of formulation Jeev, as well as of formulation Beej.

22. It would further be blissful to take note that value 16 is parallel to the frequency of reach at value 5 with choices of values from the range 1, 2, 3, 4, 5.

23. One may have a pause here and reach at frequency 16 for value 5 out of choices of values from the range 1, 2, 3, 4, 5 as:
    (i) $5 = 5$
    (ii) $5 = 4+1$ (iii) $5 = 1+4$
    (iv) $5 = 3+2$ (v) $5 = 2+3$
    (vi) $5 = 3+1+1$ (vii) $5 = 1+3+1$ (viii) $5 = 1+1+3$
    (ix) $5 = 2+1+1+1$ (x) $5 = 1+2+1+1$
    (xi) $5 = 1+1+2+1$ (xii) $5 = 1+1+1+2$

(xiii) 5 = 2+2+1   (xiv) 5 = 2+1+2   (xv)5 = 2+1+2

(xvi) 5 = 1+1+1+1+1

24. It would further be very blissful to take note that transcendence of spatial order through solid order origin with reach at base fold (6-space domain) will be a reach at dimension of dimension of 6-space.

25. This reach will be a reach of the spatial order as a dimensional frame of 5 dimension of value 2^5.

26. And, value 2^5 is parallel to freqenucy 32 of reach at value 6 with choices of value from the range 1, 2, 3, 4, 5 6, 7 which comes to be:

(i)6 = 6

(ii)6 = 1+5   (iii) 6 = 5+1

(iv) 6 = 2+4   (v) 6 = 4+2

(vi) 6 = 4+1+1   (vii) 6 = 1+4+1   (viii) 6 = 1+1+4

(ix) 6 = 2+2+2

(x) 6 = 2+2+1+1   (xi) 6 = 2+1+2+1   (xii) 6 = 2+1+1+2

(xiii) 6 =1+2+1+2   (xiv) 6 =1+1+2+2   (xv) 6= 1+2+2+1

(xvi) 6 = 3+3 (xvii) 6 = 3+2+1   (xviii) 6 =3+1+2

(xix) 6 = 1+3+2   (xx) 6 = 1+2+3   (xxi) 6 = 2+3+1

(xxii) 6 = 2+1+3

(xxiii) 6 = 3+1+1+1 (xxiv) 6 = 1+3+1+1 (xxv) 6 = 1+1+3+1   (xxvi) 6 = 1+1+1+3

(xxvii) 6 = 2+1+1+1+1   (xxviii) 6 = 1+2+1+1+1

(xxix) 6 = 1+1+2+1+1   (xxx) 6 = 1+1+1+2+1

(xxxi) 6 = 1+1+1+1+2

(xxxii) 6 = 1+1+1+1+1+1

27. It would be a blissful to sequentially chase transcendence from domain to origin, from origin to base, from base to format, from format to unity state and so on.

28. This shall be sequentially taking us within 3 dimensions frame of spatial dimensions, 4 dimensions frame of spatial dimension, 5 dimensions frame of spatial dimensions, 6 dimension frame of spatial dimension and so on

29. It shall be leading us to parallel values sequence 2^3, 2^4, 2^5, 2^6, …

30. It is progression of the mathematics of Ekaediken Sutra.

31. One shall update one's conceptual terms dictionary by making addition of entries of above concept and terms

32. Hyper cube 4 is a four folds manifestation layer of dimensional fold, boundary fold, domain fold and origin fold.

33. A step ahead, a transition range of five folds, namely:
    Dimensional fold, boundary fold, domain fold, origin fold and base fold

34. A step ahead, a self referral range of six folds namely dimensional fold boundary fold domain fold, origin fold, base fold and format fold.

35. A step further ahead, is unity state range of seven folds namely dimensional fold boundary fold domain fold, origin fold, base fold, format fold and unity state

36. Four consecutive dimensional spaces content as manifested domain constitute a four folds manifestation layer of the format of Sathapatya measuring rod of 4-space.

37. Five consecutive dimensional spaces contents as manifested domains constitute a five folds transcendence range of the format of Sathapatya measuring rod of 5-space.

38. Six consecutive dimensional spaces contents as manifested domains constitute a six folds self referral range of the format of Sathapatya measuring rod of 6-space.

39. Seven consecutive dimensional spaces contents as manifested domains constitute a seven folds unity state range of the format of Sathapatya measuring rod of 7-space.

40. One may express and chase four folds range as (N, N+1, N+2, N+3).

41. Further five folds range can be chase as (N, N+1, N+2, N+3, N+4).

42. Further six folds range can be chase as (N, N+1, N+2, N+3, N+4, N+5).

43. Further seven folds range can be chase as (N, N+1, N+2, N+3, N+4, N+5, N+6).

44. One shall visit and revisit above values and features of ranges of different folds and perfect one's intelligence of chase steps of existence phenomenon of our solar universe in terms of Vedic systems of discipline of Vedic Mathematics Science & Technology.

7

DOMAIN AS BOUNDARY FOLD OF ORIGIN

1. Sadhakas fulfilled with intensity of urge to fully glimpse and imbibe the features values and virtues of vedic systems shall

permit the transcending mind to be faced to faced to the role of domain as the boundary of the origin.

2. One shall visit 7-space domain as boundary of 8-space with 8-space itself being in the role of origin of 7-space.
3. Domain boundary ratio of hyper cube 7 is $A^7:14b^6$.
4. Self referral boundary (6-space) has boundary of unity state domain 7-space domain makes a set of 7 pairs of 14 Components of self referral boundary.
5. One may have a pause here and take note that pair of 6-space domain as a pair of self referral dimension synthesis natural order (8-space) order.
6. One may further have a pause here and take note that $8 = 2 \times 2 \times 2$.
7. Further $6 = 2+2+2$.
8. Still further, $6 = 1+2+3 = 1 \times 2 \times 3$.
9. These features deserves to be imbibed with 4-space in the role of dimension of 6-space and $4 = 2+2 = 2 \times 2 = (-2) \times (-2)$ and further $4^2 = 2^4$.
10. This further deserves to be appreciated as that 3-space as seven geometries range and parallel to it there are seven of hyper cube 3 and hyper circles 1 to 7 increase while hyper circle 8 onwards decrease.
11. Still further as that 1^3, 2^3 are the first pair of consecutive values of sequence of cubes.
12. With it, reach of vedic system at transcendental code value of formulation sapt as fourteen deserves to be appreciated and to be imbibed fully for proper insight and Appropriate

enlightenment of unity state (7-space) existence phenomenon of our solar universe.

13. Vedic systems chase along ten place value systems along the format of creative boundary of ten Components of transcendental domain deserves to be comprehended well for its through imbibing.

14. It further deserves to be fully appreciated and completely imbibed as that, pair of values 3, 7 have their prominent role to play amongst the organization of nine numerals range of ten place value system with 3 as the first odd prime and 7 as the biggest prime numeral.

15. Vedic systems avail pair of values 3, 7 for sequential chase of primes by sorting out the prime sequentially from the ranges 1 to 10, 11 to 100, 101 to 1000, 1001 to 10000, 10001 to 100000 and so on.

16. This is facilities by reach at the divisibility test of 3 and 7, and in fact, in its generality, of and by any given prime.

17. Mathematics of Ekaediken sutra is at play in its repeated applications.

18. Divisibility test by 7 is reach at as follow:

    (i) $10 = 1 \times 7 + 3$, leading to remainder value '3'.

    (ii) $100 = 14 \times 7 + 2$ leading to remainder value '2', which is parallel to reminder 2 of after division of 3×10 by 7.

    (iii)   1000 on its division gives remainder 6 parallel to remainder 6 of division of 2×10 by 7.

    (iv)   A step ahead remainder of division of 10000 by 7 will come parallel to the remainder of division of 6×10 by 7, that is 4.

(v) A step ahead, the remainder of division of 100000 by 7 will come to be as of division of 4x10 by 7 that is 5.

(vi) A step further ahead, the remainder of division of ten lakhs by 7 will come to be as of division of 5x10 by 7 that is 1.

(vii) And a step ahead the remainder will continue repeating as 3, 2, 6, 4, 5, 1.

(viii) There for the divisibility test of any number by 7 will apply by sequentially working out the digit of a given number by making following arrangements.

■