

Vedic Mathematics, Science & Technology course

PART – III **TRILOKI, TRIMURTI AND DHARUV / POLE STAR** *(Chase steps 4, 5 & 6)*

Chase Step – 04
CHASE OF TRILOKI FEATURE

Chase Step – 05
CHASE OF TRIMURTI VALUES

Chase Step – 06
CHASE OF POLE STAR ORDER

A Word with the participants

1. Present Discipline of knowledge has its roots in Ancient Wisdom which has reached us in Sanskrit language availing Devnagri alphabet and as such acquaintance with it and the transcendental code attached with it is going to be of good help.
2. As the course is being taken up with the help of English medium and as the English language is of 26 letters alphabet which accepts artifices code of range 1 to 26, while the Devnagri alphabet is 52 letters range, as such participants shall consciously distinguish the formulations and conceptual base of English language formulations and Devnagri alphabet formulations.
3. The English language of 26 letters alphabet, as such with code of artifices 1 to 26 is of four folds manifestation format of 26 meters of four quarter each. On the other hand transcendental code accepted by Devnagri alphabet is of five folds set up of transcendental ranges and each five fold transcendence range is synthesis of a pair of four fold manifestation layers, so this feature be consciously taken care of. The above features of a five fold transcendental layer being a synthesis of a pair of four folds manifestation layers, is responsible for smooth comparisons by suitable transitions from Devnagri alphabet formulations with English language formulations.

However, nevertheless the distinction deserves to be maintained as manifestation layers approach is of real 4-space approach while transcendental ranges approach is of real 5-space approach. There is interlinking of both systems and it is only in terms of that distinctive features of both systems can be appreciated as a parallel values flow streams.

I INTRODUCTORY

1. This week three basic concepts namely 'Triloki, Trimurti and Dhruv', would remain in focus.
2. Present week focus is upon the five fold transcendence range (3, 4, 5, 6, 7) / (3-space, 4-space, 5-space, 6-space, 7-space).
3. VMS & T chases this range as (i) Triloki / artifice 3 / 3-space, (ii) Trimurti / artifices triple (4, 5, 6) / (4-space, 5-space, 6-space) and (iii) Dhruv (stable fixation) / Pole Star / artifice 7 / 7-space.
4. First feature of this transcendence range is that it accepts (i) 3-space in the role of dimension (ii) 4-space in the role of boundary (iii) 5-space in the role of domain (iv) 6-space in the role of origin and (v) 7-space in the role of base of origin.
5. Within 4-space, it is a set up of hyper cube 5 along with its BASE.
6. 3-space in the role of dimension as such structures all the remaining three folds of hyper cube 5 upon the transcendence base of hyper cube 5.
7. Ancient wisdom avails the format of Triloki as the existence world (3-space) sustained by Trimurti (Lord Brahma, Lord Shiv and Lord Vishnu) respectively the overlords of 4-space, 5-space and 6-space. The artifices triple (4, 5, 6) with summation value $4 + 5 + 6 = 15$ is parallel to the linear dimensional equivalence for the solid dimensional order of 5-space in the role of dimension that is $1 \times 3 \times 5 = 15$.

8. Pole star (7-space) is accepted in the role of origin of solar universe / 6-space domain.

Here it would be relevant to note that (1-space, 2-space, 3-space) manifest as a manifestation layer (5-space plays the role of 'base' with 6-space as format beneath the base and 7-space being the unity state stable fixation for the format beneath the base.

9. This as such sequentially takes us to creative manifestation of four folds in creator's space (4-space), transcendental base of five folds in transcendental domains (5-space), self referral format of 6 folds in 6-space and unity state stable fixation in 7-space.

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Chase Step – 04 CHASE OF TRILOKI FEATURE

I

Conceptual formulation

1. 'Triloki' त्रिलोकी: is a Sanskrit formulation.
2. 'Triloki' accepts simple English rendering as 'unified 3-spaces'.
3. The formulation 'Triloki' is a composite formulation of a pair of sub formulation namely 'Tri (त्रि)', means three and loki 'लोकी:' namely space (s) here in 'ई', spatial order.
4. With it the formulation 'त्रिलोकी' acquire feature of both (i) 3 as triple (1, 2, 3) and (ii) Space (s)
5. Here it would be relevant to note that NVF (three) = 56 = NVF (Light) and NVF (Space) = NVF (Eye) + NVF (Ace)
6. The formulation 'Ace' is of features parallel to artifices triples '1, 3, 5' which further is parallel to spaces triple (1-space, 3-space, 5-space) which still further is parallel to the artifices triple (n, n + 2, n

+ 4). This is still further parallel to dimension of dimension, dimension, domain. Hence formulation 'space' is of features 'eye' transcendence taking from dimension of dimension to dimension to domain.

II

Transcendental code value chase

7. त्रि-लोकी:

त् - ि लो क् ई :

8. त् - ि लो क् प्र

$$4+1+2=7 \quad 5+7+1+1=14$$

$$7+14=21$$

$$= 1+2+3+4+5+6$$

9. त् - ि लो क् ई

$$4+1+2=7 \quad 5+7+1+4=17$$

10. त् - ि लो क् ई :

$$4+1+2=7 \quad 5+7+1+4+13=30$$

$$7+17=24=4 \times 6$$

11. $4+1+2=7$ $5+7+1+4+13=30$

$$7+30=37$$

12. [7, 14, 17, 30]

[21, 24, 37]

i. $7 = 7$ edges

ii. $14=8$ corners + 6 surfaces

iii. $17 = 7$ edges + 10 directions

iv. $30 = 8$ corners + 6 surfaces

$$= 12 \text{ edges} + 3 \text{ axes}$$

$$+ 1 \text{ volume}$$

v. $21 = 1 + 2+3+4+5+6$

$$(21, 12) = 33$$

$$= 1 \times 3 \times 7$$

- vi. $24 = 4 \times 6 = (5-1)(5+1)$
 $(24, 42) = 66 = (33, 33)$
- vii. $37 = 7$ geometries range of 3 space

III NVFs

13. Three space
 a. $20 + 8 + 18 + 5 + 5 = 56 = (\text{Light})$
 b. $19 + 16 + 1 + 3 + 5 = 44 = (\text{Ray})$
 c. $56 + 44 = 100 = (\text{Discipline})$
14. Three / Light / Domain
 $(56, 65) = 121 = (\text{Unification})$
15. Space / Ray / Pair
 $44 = (22, 22)$
 $= (\text{go}, \text{go})$
 $(44, 44) = 88 = (\text{Volumme})$

IV Features chase formats

16. Artifice 3
 Number 3
17. $(3, 5) = 3 + 5 = 8 = 2^3$
 Superimposition of dimension fold and domain fold
18. $(1, 1, 1) = 6$
 Dimensional synthesis value
 $1+2+3 = 6$
19. (single axis, pair of axes, triple axes) / triple axes sequence
 $(1, 2, 3)$
 (Interval, square, cube)

(1-space, 2-space, 3-space)

20. Triples sequences

(1, 2, 3)

(0, 1, 2)

(n, n-1, n-2)

(n, n+1, n+3)

21. Triples of different values

N, n+r, n+l

$N^0, (n+r)^0, (n+l)^0$

1, 1, 1

22. Types of intervals

i. Single point fixation

ii. Double point fixation

iii. Triple point fixation

23.

i. close interval

ii. open interval

iii. half open interval

a. open on left side

b. open on right side

24. Types of lines

i. Line without bend

ii. Line with single bend

iii. Line with double bend

iv. Line with multiple bends

25. Vertices

i. Single vertices, just a point

ii. Pair of vertices, as end points of n interval

iii. Triple vertices, as vertices of a triangle (polygon of three sides)

iv. Quadruple vertices as vertices of a rectangle (polygon of four sides)

v. Polygons of n sides

26. Points and length units
- Three points on a line enclose a pair of length units
 - In general n points enclose $(n-1)$ length units on a line
 - Three points on a circumference enclose three units of circle
 - In general n points on a circumference enclose n units of circumference
27. Interval, square and cube
- Ends point / corners triple $2^1, 2^2, 2^3$,
 - Boundary components triple (2, 4, 6)
 - Domains values triples ($1^1, 1^2, 1^3$)
 - Dimensional axes triple (1, 2, 3)
 - Geometric set up triple (3, 9, 27)
 - Set up triples formulation $(n+2)^1, (n+2)^2, (n+2)^3$
28. Chase steps triple within three space
- Interval, square and cube within a cube.
 - This constitutes an ad-infinitum sequence chase of volume of a cube / domain fold of cube as hyper cube 3
29. Internal diagonal
- A line passing through center of the cube and connecting a pair of vertices of cube is an internal diagonal of the cube
 - There are four internal diagonal of a cube
 - The internal diagonal are of a pair of orientations
 - Set up of an internal diagonal is the setup of super imposition of a pair of orientations. This set up of super imposition of a pair of orientation is the set up of super imposition of dimension fold (-1 space as dimension) upon domain fold (1-space as domain fold).
 - The dimension fold and domain fold super imposition in this case sandwiches zero space as boundary folds of hyper cubes
 - These three folds (dimension fold, boundary fold and domain fold) are sustained by the origin fold, which is of a spatial order
 - The spatial order is fountained from the origin of 3-space / center of cube which is a seat of 4-space.
 - These feature together will help us comprehend the existence of four internal diagonals being there because of the spatial order set up of the center of the cube

30. Split of a three dimensional frame into a pair of three dimensional frame
- It would be a blissful exercise to chase the split of a three dimensional frame into a pair of three dimensional frame of half dimensions.
 - Still further it would be a very blissful exercise to chase the split of the internal four diagonals into four pairs of half diagonals.
 - Still further it would be a very blissful exercise to chase the split of three dimensions of a three dimensional frame embedded at the center of the cube and simultaneous manifesting of six surface plates at boundary of the cube
 - Still further it also would be a very blissful exercise to chase the split of volume part / domain part of cube in terms of three planes sustaining three dimensional axes
 - Still further it also would be a very blissful exercise to chase of the three dimensional frames of half dimensions embedded in all the eight corner points of the cube.

V Race

31. Formulation (RACE) is of NVF value $27 = NVF(\text{Race})$.
32. $NVF(\text{R}) = 18 = NVF(\text{Head})$.
33. Artifice 18 accepts re-organization as $18 = 3 + 4 + 5 + 6$ and quadruple $(3 + 4 + 5 + 6)$ is parallel to manifestation layer $(3, 4, 5, 6)$ / $(3\text{-space}, 4\text{-space}, 5\text{-space}, 6\text{-space})$ features of hyper cube 5.
34. $NVF(\text{A}) = 1$, $NVF(\text{C}) = 3$ and $NVF(\text{E}) = 5$ as triple $(1, 3, 5)$ is parallel to artifices triple $(n, n+2, n+4)$ which further is parallel to spaces triple $(n\text{-space}, n+2\text{ space}, n+4\text{ space})$ and this triple is parallel to the features of $(n\text{-space as dimension of dimension}), n+2$

space as dimension and $n + 4$ space as domain) with this , there is a reach from dimension of dimension to domain fold.

35. These features in respect of triple (a, c, e) / (1, 3, 5) leads us to a reach from 1-space as dimension of dimension, 3-space as dimension and 5-space as domain.
36. One may have a pause here and be face to face with NVF (Space) = NVF (sp) + NVF (ace).
37. NVF (sp) = 19 + 16 + 35 = NVF (eye) would help us reach at, amongst other, at the following features
- i. 19, 18, 17, 16 is a quadruple in reverse orientation. The value $19 + 16 = 18 + 17 = 35$, as such leads us to quadruple summation value = $19 + 18 + 17 + 16 = 35 + 35 = 70 = \text{NVF (Stop)} = \text{NVF (Eye)} + \text{NVF (Eye)}$. Still further NVF (Ace)= $1 + 3 + 5 = 9$ leads to triple (1, 3, 5), a transcendence triple as it leads from 1-space to 3-space to 5-space as a pair of transcendence steps.
 - j. The formulation 'head', 'race' and 'space' deserve to be chased simultaneously to have comprehension about (i) head (ii) eye (iii) transcendence triple (a, c, e), (iv) ace), (v) race and (vi) space. It would be a blissful exercise to tabulate various words from orthodox vocabulary with formulation 'ace' being sub formulation of bigger formulations and to chase features

VI

External and internal six surfaces frames of cube

38. Number six is a perfect number. It is the first perfect number.
39. $6 = 1 + 2 + 3 = 1 + 2 + 3 = 2 + 2 + 2 = 3 + 3$ and parallel to it primes triple (1, 2, 3), triple linear axis of three dimensional frame, set of six half dimensions, set of six surface plates of cube and set of six spatial formats for six half dimensions of a three dimensional frame and center of the cube, all deserve to be chased simultaneously.
40. It would be a blissful exercise to revisit spatial formats for three axes, there splits into six parts and further split for each part in four quarters and every quarter being of a pair of faces (surfaces)

41. Still further it also would be blissful to revisit cut of a cube into eight sub cubes
42. The chase of structural set ups of a eight sub cubes individually as well as collectively and further chase of 3s` content lumps of each of eight sub cubes, individually and collectively, being completely stripped off, of their internal and external frames

VII Chase formats

43. Amongst others, the following chase formats are of prominently at play in the set ups of the volumme (domain fold) / (3-space content lump) of cube, sub cubes and sub cubes of each sub cube:
 - i. Format of an interval, a fixation in terms of a single but a moving point
 - ii. Format of an interval fixation in terms of a pair of end points. The pair of orientations with end points becoming first and second, and super imposition of orientations along the set up within pair of end points, that way, may make it a distinct format
 - iii. Format of an interval fixation in terms of three points namely a pair of end points and a middle point in between.
 - iv. The above format with a focus upon its different formats shall be manifesting different types of formats which may be taken as a class of formats associated with the format of an interval having fixation in terms of triple points
 - v. Amongst others, the formats of above class may be making the following specific featured formats being distinct formats:
 - a. Middle point being a moving point but never reaching either end point.
 - b. Bend provided at the middle point.
 - c. Split of internal in two parts namely from first end point to the middle and from middle to the second end point
 - d. From the first end point to the middle and from the second end point to the middle
 - e. From the middle to the first end point and from the middle to the second end point

- f. Both parts may be equal, or may be unequal.
 - g. Both parts to be simultaneously unequal as well as equal; unreality may be because of length and equality to be because of infinite number of points structuring each part
- vi. The chase of such formats may be along place value systems, prominently amongst them being 10 place value system.
44. Amongst others, the following features may be structuring different classes of formats for chase of different classes of format of intervals in terms of place value system:
- a. Reach to be as (1, 1, 1, 1)
 - b. Reach may be as (1, 1+1, 1+1+1, 1+1+1+1, ---). This may be taken as a feature of chase steps (1, 2, 3, 4, ---)
 - c. Reach may be as (1, 2, 4, 8, --) as well of the feature of (1, 2, 3, 4, ---) as $2^0 = 1$, $2^1 = 2$, $2^2 = 4$, $2^3 = 8$, ---- as such shifting chase sequence (1, 2, 3, ---) and base to at index with the only difference that here the later stage the sequence steps include 'zero' as a starting point and the sequence at index become (0, 1, 2, 3, ---)
45. Reach may be as (01, 02, 03, --- 10) which shall be making the end values pair (01, 10) as a reflection pair as much as that 01 and 10 become object, image pair). Here 0 and 1 replace their places
46. Reach may be as (10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0) as a decreasing sequence while the reach as 0, 1, 2, 3, - - 10 is an increasing sequence.
47. Reach may be as (1, 3, 5, ---) as a reach by a single jump at each step parallely would emerge another jumping sequence (2, 4, 6, 8, --). This pair of jumping sequences (1, 3, 5, ---) and (2, 4, 6, --), in a way would be a split for the increasing sequence (1, 2, 3, 4, 5, 6). Parallel to it there would be a split for decreasing sequence (10, 9, 8, 7, ---) as a pair of decreasing sequences (10, 8, 6, --) and (9, 7, 5, ---)

48. Further there can be triple split increasing sequences of double jumps for the increasing sequence (1, 2, 3, 4, 5, 6, --) as (i) 1, 4, 7, --) (ii) 2, 5, 8, --- and (3, 6, 9, --). Likewise there would a triple split for decreasing sequence (10, 9, 8, 7, --). Further there can be splits of sequentially increasing multiple jumps. This as such as shall be leading us to the remainder ranges for divisions by 2, 3, 4, --- (0, 1), (0, 1, 2), (0, 1, 2, 3)
49. The individual features of members of increasing sequence (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) and pairing of those features for any pair, triple, quadruple members of above sequence members, shall be manifesting different classes of formats, viz.
- 01, 10 is a reflection pair
 - 1,2 is a pair leading to a pair of sequences namely (1, 2, 3, 4) and (1, 2, 4, 8)
 - Pair (1, 3) leads to $3 = 1 + 1 - (-1)$, a dimensional synthesis value of a pair of linear dimensions
 - (1,4) a pair hyper cube 1 and quadruple of folds of its manifestation layer
 - (1, 5) a pair of hyper cube` 1 and transcendental which takes uptill the base of origin folds
 - Like that there can be chase for any pair of numbers in terms of numerals of ten place value system and in general in any place value system

VIII

Sequential manifesting of hyper cubes 4, 5 and 6 set ups within and outside domain folds

50. Here, the volumme of cube.
51. The external manifestation of hyper cube 4 onwards is the features of spatial boundary of cube
52. The internal manifestation of hyper cube 4 within cube is the feature of linear order transiting and transforming as spatial format taking to center of cube / origin of 3-space.
53. The spatial format of linear axis, as such is having a degree of freedom of motion and this as such shall be structuring 3-space set

up and boundary. The second face, as a second phase, being of an opposite orientation shall be creating, on its motion availing degree of freedom of motion shall be constructing and structuring a solid boundary.

54. Such structuring of a pair of solid components, would deserve a chase for their coordination in terms of 0-space role of dimension of 2-space (spatial format) of a linear dimension.
55. The availability of four internal diagonal, as such shall that way structure out four pairs of above format of pair of solid boundary components.
56. It would be relevant to note that each internal diagonal coordinates a pair of three dimensional frames of half dimensions embedded in corner of the cube. The super imposition of pair of orientations synthesizing as diagonal as such shall be making available a pair of three dimensional frame of half dimension but of opposite orientation super imposed with common origins super imposed upon corner of the cube. These features taken together shall be leading to a set up of four pairs of three dimensional frames of full dimensions and parallel to it there would emerge a solid boundary of 8 components.
57. Here it also would be relevant to note that set of four three dimensional frames of full dimensions (of super imposed orientations parallel to -1 and +1, which otherwise are of the features of pairing of dimension fold and domain fold, together with a fifth three dimensional frame embedded at the center of the cube, that way shall be making available a set of five three dimensional frames of full dimensions which shall be leading to a set up of a seat of origin of 4-space (hyper cube 4) at center of cube.
58. The emergence of solid dimensional origin, spatial dimensional order and solid boundary, that way shall be amounting to structuring of the space as space manifesting as domain fold of hyper cube 4. Here it also would be relevant to take note that $NVF (\text{Volumme}) = 88 = NVF (\text{Space}) + NVF (\text{Space})$.

59. One may have a pause here and take note that $88 = 44 + 44$ is parallel to the features of accepting $(1/2)$ as a working unit. This in other would mean working with '2 as 1' and '1 as 2' simultaneously. It is going to be parallel to a transition from linear dimensional order to spatial dimensional order by a transition and shift from '1 as a unit' to $1/2$ as a unit.

60. The above feature of a shift from '1' to $1/2$ together with the feature of super imposition of dimension fold and domain fold, when shall be chased further it shall be leading to the next step

- a. shift from '1' to ' $1/3$ ', and
- b. super imposition of 3-space as solid dimensional order upon 5-space as domain fold
- c. Still a step ahead, shift would be
 - i. 1 to $1/4$ and
 - ii. super imposition of 4-space as hyper dimensional order upon 6-space as self referral domain

These features together shall be providing a shift from hyper cube 5 to hyper cube 8 and accordingly would emerge the ratio of 16 boundary components of hyper cube 8 and 48 coordinates of hyper cube 8 being 8×6 as 6-space is to play the role of dimension of 8-space.

These features together shall be providing a shift from hyper cube 6 to hyper cube 10 and accordingly would emerge the ratio of 20 boundary components of hyper cube 10 and 80 coordinates of hyper cube 10 being 10×8 as 8-space is to play the role of dimension of 10-space.

61. It would be blissful exercise to note that above pair of attainments shall be leading to transcendence triple $(1, 3, 5)$ and $(2, 4, 6)$ which together shall be structuring a range 1, 2, 4, 5, 6.

62. ? 1), and in general $(1, 2, 3, \dots, n)$ and $(n, n - 1, \dots, 3, 2, 1)$, on their chase would help us reach at large number of features of dimensional spaces contents manifesting as domain folds in terms of their respective dimension folds

63. In particular this shall be bringing us face to face the dimensional synthesise values VMS & T formats for their chase for pure and applied values.

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Note :-

Here it may be relevant to mention that present course is being of the approach features of 'learning and teaching'. This in the context of 'learning and teaching VMS & T', as is the present course, it is expected to be of following features

- i. Make your own dictionary
- ii. Express about concepts
- iii. Find time to evaluate one's comprehensions
- iv. Share insight
- v. Enlist exercises
- vi. Pose hurdles
- vii. Tabulate indicators
- viii. Teach
- ix. Learn while teaching
- x. Attempt text book
- xi. Explore further
- xii. Appreciate pure values
- xiii. Have an eye upon applied values
- xiv. Chase existence within human frame
- xv. Chase existence beyond human frame
- xvi. Built VMS & T Classroom instructions methodology

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Chase Step – 05

CHASE OF TRIMURTI VALUES

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1. Lord Brahma, Lord Shiv, Lord Vishnu are 'Trimurti'.
 2. Lord Brahma is overlord of 4-space, Lord Shiv is overlord of 5-space and Lord Vishnu is overlord of 6-space.

3. Hyper cube 4 manifests 4-space content as its dimension fold, hyper cube 5 manifests 5-space content as its domain fold and hyper cube 6 manifest 6-space content as its domain fold.
4. Hyper cube 4 is of features parallel to four fold manifestation layer (3, 4, 5, 6), hyper cube 5 is of features parallel to four fold manifestation layer (4, 5, 6, 7).
5. The domain boundary ratio of hyper cube 4 set up is of formulation $A^4: 8B^3$, while the domain boundary ratio of hyper cube 5 set up is of formulation $A^5: 10B^4$ and domain boundary ratio of hyper cube 6 set up is of formulation $A^6: 12B^5$.
6. Idol of lord Brahma, four head lord, creator the supreme, is of the features parallel to that of hyper cube 4, which may be tabulated as under:

Sr.	Feature of idol of lord Brahma	Feature of hyper cube 4
1	Four heads	Four dimension
2	Each head equipped with A pair of eyes.	Spatial dimensional order (2-space in the role of dimension)
3	Lotus seat of eight petals	Solid boundary of eight components
4	Seat of lord shiv (five head lord) in the Heart of lord Brahma	5-space in the role of origin fold
5	Lord Brahma meditates in His heart upon Lord Shiv and multiplies as ten brahmas	Hyper cube 5 has creative boundary (4-space in the role of boundary) of ten components

7. Idol of lord Shiv, five head lord, transcendental lord, is of the features parallel to that of hyper cube 5, which may be tabulated as under:

Sr.	Feature of idol of lord Shiv	Feature of hyper cube 5
1	Five heads	Five dimension
2	Each head equipped with Triple eyes.	Solid dimensional order (3-space in the role of dimension)
3	Ten beautiful arms	Hyper Solid boundary of ten components

4	Seat of lord Vishnu (six head lord) in the Heart of lord Shiv	6-space in the role of origin fold
5	Lord Shiv transcends and manifests Dwadash Aditya (Twelve sons)	Hyper cube 6 has transcendental boundary of 12 components

8. Idol of lord Vishnu, six head lord, self referral lord, is of the features parallel to that of hyper cube 6, which may be tabulated as under:

Sr.	Feature of idol of lord Vishnu	Feature of hyper cube 6
1	Six heads	Six dimension
2	Each head equipped with Quadruple eyes.	Hyper Solid 4 as dimensional order (4-space in the role of dimension)
3	Dwadash Adityas (12 sons)	Transcendental boundary of ten components
4	Seat of lord Shiv (five head lord) in the Heart of lord Vishnu	5-space in the role of dimension of origin fold
5	Lord Vishnu transcends and manifests as 14 Bhuwans	Hyper cube 7 has self referral boundary of 14 components

9. Summation value of triple (4, 5, 6) is $4 + 5 + 6 = 15 = 1 \times 3 \times 5$, parallel to linear dimensional equivalence for the transcendental domain's dimensional frame of five solid dimensions.

10. 4×4 matrix format as expression format for four consecutive manifestation layers leads to total summation value as 4^3 :

- (1, 2, 3, 4),
- (2, 3, 4, 5),
- (3, 4, 5, 6),
- (4, 5, 6, 7).

11. 5×5 matrix format as expression format for five consecutive transcendental ranges leads to total summation value as 5^3 :

- (1, 2, 3, 4, 5),
- (2, 3, 4, 5, 6),
- (3, 4, 5, 6, 7),

(4, 5, 6, 7, 8),
 (5, 6, 7, 8, 9).

12. 6 x 6 matrix format as expression format for six consecutive self referral ranges leads to total summation value as 6^3 :

(1, 2, 3, 4, 5, 6),
 (2, 3, 4, 5, 6, 7),
 (3, 4, 5, 6, 7, 8),
 (4, 5, 6, 7, 8, 9)
 (5, 6, 7, 8, 9, 10)
 (6, 7, 8, 9, 10, 11).

13. The 4 x 4 matrix format as expression for manifestation layers of folds themselves being manifestation layers shall be of entries of hyper cubes:

H2	h3	h4	h5
h3	h4	h5	h6
h4	h5	h6	h7
h5	h6	h7	h8

14. Parallel to above, the summation values of four folds of hyper cubes shall be

6	10	14	18	with summation value 48
10	14	18	22	with summation value 64
14	18	22	26	with summation value 80
18	22	26	30	with summation value 96

With grand summation value = 288

The artifice 288 accepts re-organization as $144 + 144$.

This further admits re-organization as $12 \times 12 + 12 \times 12$.

15. Here it would be relevant to note that NVF (Space Discipline) = $144 = NVF$ (Formulation).

16. Further it also would be relevant to note that 6-space/ hyper cube 6 accepts transcendental boundary of 12 components.

17. Let us have a pause here and have a fresh look at the set up of hyper cube 1 as a four fold manifestation layer (-1), (0, 1, 2, 3). It would help us comprehend, imbibe and to have an insight as to how the origin (fold) goes inside the domain (fold) at middle (of interval / center of square / cube / hyper cubes) and leads to the feature of compactification

and super imposition of origin folds upon each other. And structure along the format of a 'vertical line' as of values of a 'straight line' which also accepts the features of a 'transcending line'.

18. The formulations (i) vertical line (ii) straight line and (iii) transcending line deserve to be chased to have comprehension for imbibing the values of these set ups and to have insight about them.
19. Vertical line : - Chase of this formulation in terms of NVF values would bring to focus as that $NVF(\text{vertical line}) = 90 + 40 = 130 = NVF(\text{artifices line}) = 130 = 65 + 65 = NVF(\text{static state}) = NVF(\text{continuum})$.
20. $NVF(\text{Straight line}) = NVF(\text{2-space line}) = 142 = 71 + 71 = NVF(\text{Sphere, Sphere})$.
21. $NVF(\text{Transcending line}) = NVF(\text{Uncountable line}) = 168 = NVF(\text{colour}) + NVF(\text{colour})$.
22. It would be relevant to note that $168 - 142 = 26 = 5 + 6 + 7 + 8$, parallel to quadruple of artifices (5, 6, 7, 8) which further is parallel to four fold manifestation layer (5, 6, 7, 8) of hyper cube 7.
23. Further as that $NVF(\text{transcending line}) = NVF(\text{Transcending mind})$, as such $NVF(\text{Head}) = 18 = 3 + 4 + 5 + 6$, parallel to features of quadruple artifices (3, 4, 5, 6) which further is parallel to four folds (3, 4, 5, 6) of hyper cube 5.
24. It would be a blissful exercise to chase 'transcending mind' of features of hyper cube 7 as values and order of hyper cube 5 as format of 'head'.
25. The attainment for hyper cube 5 as 'head' of 'transcending mind' or the values and features attained by and in terms of the values and order of Discipline of Vedic Mathematics, science and Technology.
26. The transcending mind being of transcending feature, in addition to other values has the potentialities of 'transcendence' because of which 'mind' simultaneously works out multiple operations 'including arithmetic operation, reflection and refraction operation', jumping and formatting operations as transcendental carriers (5-space in the role of transcendental order).

27. It would be blissful to chase different phases and stages of formulation 'straight' which when translated into artifices language shall be yielding a range of values (19, 20, 18, 1, 9, 7, 8, 20).
28. The starting point is value '19'.
29. This as such shall be taking us to the format of southern hemisphere.
30. The triple (17, 18, 19) is parallel to the values of northern hemisphere, center and of southern hemisphere. These are the three folds of manifestation layer (16, 17, 18, 19).
31. Artifices and numbers on the format of 1-space with (-1) space as its dimension, shall be putting the above quadruple of artifices (16, 17, 18, 19), in reverse orientation as (19, 18, 17, 16).
32. The processing along the format of hemispheres, in a sequential order takes us from triple (17, 18, 19) to quadruple (17, 18, 19, 20) but the end value 20 of triple (18, 19, 20), shall be having a placement at the middle which would bring it superimposed upon the artifice value 18 in the placement order of the triple (17, 18, 19).
33. This in a way would also set progression in the reverse order from 19 to 20 taking from 19 for placement over 18.
34. This in a way is a step which takes from origin fold to the domain fold placement. Here it would be relevant to note that the super imposition of value 20 over 18 is the super imposition of the feature of domain fold over dimension fold. The second progression step of the formulation 'straight' is which shall be taking from NVF (T) = 20 to NVF (R) = 18.
35. One may have a pause here and take note that while during the first progression step reaching from 19 to 20 was of value '1', the same at the phase and stage of second progression which takes from value 20 to 18, it is of value '2'.
36. This in a way would mean that first progression step is of value '1' while the second progression step is of value '2'.

37. One may further have a pause here and take note that while in case of first progression step the format was to reach from origin fold to domain fold, so in continuity, at the phase and stage of second progression the format would be which would take from domain fold to the dimension fold.
38. It is this reach from origin fold to dimension fold which deserves to be comprehended fully to imbibe the feature of 'straight', as it is taking up till this stage from '1' to '2'.
39. The third progression step which takes from NVF (R) = 18 to NVF (A) = 1 which is of the features of awakening from sleep as NVF (sleep) = 57 = 19 + 20 + 18.
40. The orientation which was previously reversed to have a chase format, is to be reversed again as 'line' being straighten is to be of the features of (domain, dimension) super imposition features. NVF (A) = 1 is of features parallel to that of 1-space body / hyper cube 1.
41. One may have a pause here to take note that progression uptill this stage is of triple (19, 20, 18) followed by single value (1).
42. As such the progression ahead as well is to be of the features of triple values to be followed by a single value. This shall be taking us to triple values (9, 7, 8) and (20).
43. The triple values (9, 7, 8), evidently is to bring the value at third place of the triple (9, 8, 7) at the middle to make it the triple values set up (9, 7, 8).
44. The final progression step is of transition and transformation from the values format of NVF (H) = 8 to value format of NVF (T) = 20. It would be a very blissful exercise to chase artifices pair (8, 20). This artifices pair (8, 20) permits re-organization as (4 + 4), (10+10).
45. Further as that artifice 4 permits re-organization as $4 = 1 + 1 + 1 + 1$ and artifice 10 = 1 + 2 + 3 + 4. It as such would mean that the affine equal values progression format transit and stands transformed into a sequential values format.
46. Still further as that such streams are of two folds, as are expected of super imposed 1-space as domain upon -1-space as dimension.

Simultaneously it also would be relevant to note that 1-space in the role of dimension shall be structuring hyper cube 3 with 4-space of spatial order as origin fold.

47. Still further as that 4-space and parallel to it artifice 4 also accepts super imposition of orientations as that $4 = 2 \times 2 = (-2) \times (-2)$.

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Chase Step – 06
CHASE OF POLE STAR (DHURUV) ORDER

1. Artifice 7 / 7-space / hyper cube 7 chase shall be a step ahead of artifice 6 / 6-space / hyper cube 6.
2. Amongst others, prominent features of artifice 7 are :
 - a. 7 is a prime.
 - b. 7 is the biggest prime numeral of ten place value system.
 - c. 3-space has 7 geometries.
 - d. cube has 7 versions
 - e. 7 edges connect all the eight corners of the cube.
 - f. 3 dimensional frame coordinates 7 geometric components namely
 - i. Origin
 - ii. Triple pairs of half dimensions
 - g. hyper circles 1 to 7 increase.
3. Artifices range (1, 2, 3, 4, 5, 6) and its reverse (6, 5, 4, 3, 2, 1) lead to 6 pairs (1, 6), (2, 5), (3, 4), (4, 3), (5, 2) and (6, 1) which as their summation values lead to common value '7'.
4. The above pairs lead to differences values sequence (5, 3, 1, -1, -3, -5).
5. This range (5, 3, 1, -1, -3, -5) is five fold transcendence values steps taking (i) from 5-space to 3-space (ii) from 3-space to 1-space (iii) from 1-space to -1 space. (iv) from -1 space to -3 space and finally from -3 to -5 space.
6. Further this range permits split as a pair of limbs of parabolic curve format.

7. Parallel to it range (0, 1, 2, 3, 4, 5, 6) and its reverse (6, 5, 4, 3, 2, 1, 0) shall be leading to differences range (6, 4, 2, 0, -2, -4, -6).
8. The pair of transcendence ranges (5, 3, 1, -1, -3, -5) and (6, 4, 2, 0, -2, -4, -6). On their simultaneous chase shall be focusing upon the unity state itself a synthetic state which because of it simultaneously unifies as a linear sequential progression as well as a spatial sequential progression because of which there emerges increase uptill 7 steps and also there emerges a transcendence there from of progression in continuity but with a shift to spatial order.
9. The above features make pole star with 7-space format as origin fold of 6-space (Sun) which deserves to be chased for existence phenomenon within solar universe.

10. Truth wind up

‘Truth wind up’ formulation deserves to be chased. NVFs equations would be of help for this chase.

$$\text{NVF (Truth)} = 87 = 50 + 37 = \text{NVF (Wind)} + \text{NVF (Up)}.$$

$$\text{NVF (Wind)} = \text{NVF (W)} + \text{NVF (In)} + \text{NVF (D)}$$

NVF (W) = NVF (end), as such NVF (Wind) is ‘End’ in ‘4’. This feature as that ‘end’ is in ‘4 / 4-space’ would help us comprehend as that end is attainable in 4-space. NVF (Up) = 37 = NVF (Seal). As such the attainability as well is sealed. And, it is ‘Truth’, which is ‘void’ seal. The artifice 87 is of the features that there is ahead of artifice 7 as well. Artifice 7 is the biggest prime numeral. Beyond that as well is the artifice ‘8’. Hyper circle 1 to 7 increase and beyond that from hyper circle 8 onwards, there is a decrease.

It is because of a linear order which structures 3-space of 7 geometries range.

Further as that dimensional synthesis range for 3-space as dimension is (3, 5, 6, 6, 5, 3, 0, -4, -9, ---), as per which non negative values are only uptill synthesis of 7 solid dimensions. Beyond that there are negative values.

First negative value is '-4'. However within 4-space, which is of spatial order, there is super imposition of orientations, as much as that $(2 \times 2) = (-2) \times (-2)$. It is this feature which would help us appreciate that domain boundary ratio of hyper cube 4 is $A^4: 8 B^2$.

Further as that $8 = 2^3$, And the 'Truth' is that there is existence beyond linear order and it takes us beyond artifice 7 to artifice 8 as a increasing step.

It would be a blissful exercise to revisit and chase firstly cube within cube and to reach at the structuring of volumme of cube as along the format of hyper cube 4.

Further it also would be a very blissful exercise to chase cube within hyper cube 4. The set of eight corner points as zero space bodies, 8 in number shall be in their dimensional role leading to dimensional synthesis values range (0, 2, 6, 12, 20, 30, 42, 56). NVF (light) = 56 = NVF (domain) = NVF (three) = NVF (folds).

Further as that 12 edges of the cube, in their dimensional roles of 12 linear dimensions, on their synthesis shall be yielding synthesis values range (1, 3, 6, 10, 15, 21, 28, 36, 45, 55, 66, 78). NVF (Ambrosia) = 78.

Further as that (78,87) as reflection pair and as of summation value $165 = 15 \times 11$ is parallel to the features of dimensional coordinates of 11 geometries of 5-space.

Still further as that 6 surfaces of cube in their spatial dimensional roles of 6 spatial dimensions shall be structuring synthesis values range (2, 4, 8, 10, 12). The artifices 2, 4, 6, 8, 10 & 12 are parallel to the boundary components of hyper cubes 1, 2, 3, 4, 5, 6.

These features, that way shall be with stripping off of the boundary of cube stitched as 8 points, 12 edges and 6 surfaces shall be putting 3-space content lump which in dimensional role of 3-space shall be structuring 5-space as transcendental origin of 4-space and this as transcendental dimensional order shall be creating unity state. (7-space) set up.

Parallel chase for sphere as hyper sphere 3 for 'wind up truth' chase of transition and transformation from artifice value 7 to artifice value 8 of the features of spatial order shall be very blissful and same would be enriching insight as to the domain boundary ratio in both cases of cube and sphere being of same formulation $A^3 : 6B^2$ as that infinite cube is of the format of a sphere.

Note:-

1. Up to date and organize your dictionary under following heads
 - i. VMS & T
 - ii. 5-space (domain)
 - iii. Artifice 5
 - iv. Triloki,
 - v. Trimurti
 - vi. Pole Star
 - vii. Manifestation
 - viii. Transcendence
 - ix. Self Referral state
 - x. Unity State
 - xi. Five orbitals
 - xii. One thousand names
 - xiii. Sun
 - xiv. Existence within human frame
 - xv. Existence beyond human frame
 - xvi. Brahman unity

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