VM006-DocII003

Vedic Mathematics, Science & Technology
Teacher Course

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CREATION FORMAT

This day the course focus is upon 'creation format'. It four folds aspects being taken up are as follows:

9. Transcendental origin.
10. Creation format.
11. Dimensional synthesis values.
12. Linear & Spatial dimensions synthesis values

The values being covered are to be taught as lessons numbers 9 to 12 to the students of 4-space Vedic Mathematics, Science & Technology.

LESSON-9

TRANSCENDENTAL ORIGIN

1. With creative domain being stripped off, of its all the 8 boundary components, making 9^{th} versions of hyper cube 4 acquires features and values which, with release of seal of superimposition of origin of dimensional frame, acquires a state where in transcendental origin gets released.

2. It is this release feature and value of the set up of creative domain, which recapitalize is it (the creative domain) for its role as a creative boundary (4-space as boundary) of transcendental domain (5-space).
3. Sadhakas fulfilled with intensity of urge to glimpse and imbibe this transcendental features of creative domain shall follow the enlightenment path of lord Brahama of meditating with cavity of own heart and getting multiplied ten folds with the grace of the transcendental lord. The reach from creative domain, as a domain to its role as a creative boundary of transcendental domain, is the reach which deserves to be glimpsed and to be attained by the Sadhakas to full imbibed and to completely appreciate the values and virtues of reality of 4-space.
4. It would be a very blissful for the Sadhakas for continuously remains in prolonged state of trans and to glimpse and imbibe the values and virtues of released transcendental origin.
5. One shall sequentially evaluate the distinguishing feature of reality of 4-space over and above the reality of 3-space.
6. Further, one shall distinctively reach at the values and virtues of transcendental origin as a transcendental domain over and above 4-space as a creative origin of 3 –space and as a creative domain of 4-sapce.
7. Hyper cubes 3, 4 and 5 deserves to be glimpsed and chased simultaneously in sequential order in four different way, firstly as linear (1-space), spatial (2-space) and solid order (3-space), secondly as spatial (2-space), solid (3-space) and creative boundary (4-sapce), thirdly as solid (3-space), creative (4-space) and transcendental

domains (5-space) and fourthly as creative (4-sapce), transcendental (5-space) and self-referral origins (6-space).

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LESSON-10
CREATION FORMAT

GENERAL

1. Idol of Lord Brahma is the creation format.
2. Hyper cube 4 becomes the set up of values and features of creation format.

9 VERSIONS OF HYPER CUBE 4

3. 9 versions of hyper cube 4 as a set of 9 bodies of 9 geometries range of 4-space becomes the range of manifestation reach of the creation format.
4. 9 versions of hyper cube 4 retains (8 + 7 + 6 + 5 + 4 + 3 + 2 + 1) = 36 numbers of solid boundary components.

STRUCUTRAL SET UP OF SOLID BOUNDARY COMPONENT

5. Each solid boundary component itself accepts 7 versions as 7 bodies of 7 geometries of 3-space.
6. 7 versions of hyper cube 3 accepts (7 + 6 + 5 + 4 +3 + 2 + 1 + 0) = 26 spatial boundary components.

AVAILABLE RANGE OF SPATIAL COMPONENTS

7. This takes us to a range of 28 x 36 = 1008 numbers of spatial boundary components.

GLIMPSE AND IMBIBE THE STRCUTURAL RICHNESS

8. One may have a pause here and permit the transcending mind to glimpse and imbibe the richness of the creation format availing, as many as, 1008 spatial bodies.

VEDIC BRANCHES

9. One may further have a pause here and take note that Sam Ved has one thousand branches.
10. The total braches of all the 4 Vedas are (21 + 101 + 1000 + 9) = 1131 = (1008 + 123) and the number value 123 accepts re-organization as 123 = (3 x 41) and the number value 41 is parallel to the reach of a Sathapatya measuring rod is synthesized by hyper cubes 1 to 4 exhaustively swapping 4-space domain along the 3 dimensions of the solid dimensional order of the transcendental origin of creator's space.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format features and values of creation format with availability of 1008 spatial boundary components.

REACH FROM SAPTIAL ORDER TO SOLID ORDER

12. The attainment of creation format lies in its reach from spatial order to solid order of its transcendental origin

which fountains transcendental values and virtues within the creation domain itself.

BLISSFUL GLIMPSE

13. Sadhakas following the meditation path of lord Braham meditating within cavity of one's own heart attain of transcendental lord who is having blessed grace of self-referral lord Vishnu.

RECAPITULATION

14. One shall recapitulate the features and values of reality of 4-space learned during this section and to re-evaluate oneself about one's comprehension and the imbibing of the same.
15. One shall re-visit each lesson of this section and to glimpse and imbibe the features and values of 4-space reality being focused in each of the lesson of this section.
16. The features and values of 4-sapce reality being focused in this section deserves to be glimpse and imbibed in continuity of features and values of 4-sapce reality having already being focus in the lesion of section 1 of this course.
17. The reach of feature and value of reality of 4-space focused in both section 1 and section 2, shall be tabulated in consulted form to have comprehensive view of the same.

BLISSFUL EXERCISES

1. It would be a blissful exercise to update one's dictionary by making entries of the conceptual terms of the lesson of this section.
2. One shall update one's own evaluation of one's comprehension of different features and values of different aspects of reality of 4-space.
3. One shall make one's own essays on different features and values of different aspect of the reality of 4-space having being comprehended, appreciated and imbibed.
4. One shall express oneself fully about one's insight of reality of 4-space.
5. One shall share one's enlightenment about the reality of 4-space.
6. One shall re-visit interval as hyper cube 1.
7. Further one shall re-visit hyper cube 2 format for its structural richness.
8. One shall re-visit cube as hyper cube 3.
9. One shall express fully about the creation format.
10. One shall glimpse and imbibe the features and values of hyper cube 5 being the representative regular body of 5-space manifesting along the creation format of Idol of Brahma.

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LESSON-11
DIMENSIONAL SYNTHESIS VALUES
GENERAL

1. Idol of Lord Brahma leads us to format features and values of hyper cube 4, as a four folds manifestation

layer (2, 3, 4, 5) / (2-space content in the role of dimension fold, 3-space content in the role of boundary fold, 4-space content in the role of domain fold, 5-space content in the role of origin fold. This set up, fixes upon solid order 5-space in the role of origin).

2. Solid order of 5-space flows out and manifests as a four folds manifestation layer (3, 2, 1, 0)/(3-space content in the role of origin, 2-space content in the role of boundary, 1-space content in role of linear and 0-space content in role of domain.
3. One may have a pause here and take note that (-2) space content plays the role of dimension of zero space.
4. One may further have a pause here and take note that values triples (-2, 0, 2), in the above back ground, bring us face to face with 3-space content at its zero value being sandwiched between the pair of surfaces (2-space body with 3-space in the role of origin).
5. One may have a pause here and to permit one's mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe this feature and its value and to comprehend and to appreciate the virtues of 5-space in the role of origin of 4-space.
6. One may further have a pause here and take note that quadruples values (0, 1, 2, 3) are parallel to four folds manifestation layer (0, 1, 2, 3) of hyper cube 2.
7. One may further have a pause here and take note that hyper cube 2 accepts 5 versions.
8. As such, while 2-space (content) plays the role of spatial dimension of 4-space with 5-space as its origin, this brings in 5 streams set up parallel to 5 versions of hyper cube 2.
9. Here it would also relevant to take note that:

(i) 2-space as 5 geometries range.
(ii) 3-space plays the role of dimension of 5-space.
(iii) 4-space has 5 non negative geometries.
(iv) Further as that, 4-space is also having, as many as 5 non positive geometries, as well.

10. 5-space accepts 5 distinct role:
    i. 5-space as transcendental domain of hyper cube 5.
    ii. 5-spacer as base fold of hyper cube 4.
    iii. 5-space origin of 4-space.
    iv. 5-space domain enveloped by 4-space boundary
    v. 5-space accepting 3-space in the role of its dimensions.

11. Solid order flow as a 4 fold manifestation layer (3, 2, 1, 0) of hyper cube 2 format, when fountains as a pair of flow streams of hyper cube 2 format vizard (3, 2, 1, 0) and (3, 2, 1, 0), the same get synthesized as a four folds format of paired pairs of values: [(3, 3), (2, 2), (1, 1), (0, 0)].
12. One may have a pause here and take note that domain, boundary ratio formulation a^N:2(N-1) brings to focus the split for boundary fold of components, double in number than the number of dimensions.
13. It further brings to focus that the origin of a dimensional frame split each dimension into a pair of half dimensions.
14. This further bring to focus the synthetic set up of a dimension being of 3 components, namely, a pair of half dimensions and synthetic joint of their being the third components of this set up.

15. One may have a pause here and to glimpse and imbibe above feature and to comprehend and appreciate that the synthesis is happening with availability of a third component for the given pair of component. This further brings to focus, and insertion of third point in between a pair of points.
16. It may be appreciated that it amounts to bridging of a gap in between a pair of points by having an insertion of a point, in between the given a pair of points.
17. It may be appreciated that the insertion of a point in the gap amounts to a three point fixation for the gap.
18. This is 'Tri-Pundum' feature of the set up of a sole syllable Om, it may be recapitulated that Bindu Sarovar 'structured point' is the first feature, while Ardh Matra 'half measure' is the second feature, and in the sequence a step head, Tri-Pundram is the third feature.
19. One may have a pause here and take note that it amounts to synthesis of a pair of monads as a tri-monad.
20. In the context, it would be relevant to take note that the sequence of value (1, 2, 3, 4, 5 …) with insertion of middle values in between the pair of consecutive values of above sequence, shall be leading us to a values sequence (1, 3/2, 2, 5/2, 3, 7/2, 4, 9/2, 5 …).
21. One may have a pause here and take note that a pair of streams of values of above values sequence format (1, 3/2, 2, 5/2, 3 …) and (1,

3/2, 2, 5/2, 3 …) shall be leading us to a values sequence (2, 3, 4, 5, 6, 7 ...).

22. One shall sit comfortably and permit the transcending mind to continuous remain in trans and to glimpse and imbibe the above synthesis features of values.
23. This shall be leading us to, following feature:

i. Value n as a 3 point fixation leads us to N = 1 + (N-2) + 1.

ii. Above split shall be adding feature to the geometric format of a pair of end points and gap in between them accepting value 1 for the first end point (N-2) for the gap in between for the second end point.

24. When a pair of flow stream emanate from the same origin, each shall be contributing value n and both together shall be leading to value (2N).
25. However, the outermost end points pair for both steams shall be having a requirement for bridging gap with value (N-2).
26. When the above gap value (N-2) is taken out of the total value (2N)contributed by the pair of streams, then the net remaining value after bridging the above gap would remain [2N-(N-2)] = N+2.
27. Now if third steam value n also emanate then its free end in the space shall be requiring value (N-2) for its gap in respect of each of the free end points of the first pair of stream.
28. Accordingly, out of the net value (N+2) + N, contribution is to be made for bridging the pair of gaps with value 2 (N-2).

29. As a result the net value for the 3 steams will remain (N+2) + 2 - (N-2) = 6.
30. One may have a pause here and take note that:

i. At the initial stage of first steam, the net value had been 1.
ii. Pair of stream have lead to net value (N+2).
iii. Triple steam have lead to net value '6'.
iv. A step head, with emanation of fourth steam contribution because of it will be of value N while contribution for bridging the triples gaps will be 3 (N-2).

31. As such net value of synthesis of 4 streams (dimensions) will be 6 +N-3(N-2) = 12-2N.
32. Like that with emanation of additional steam, there will be addition of value N and simultaneously there will be a subtraction of value for bridging one additional gap.
33. It would be a blissful exercise to reach at net synthesis value for synthesis of whole range of dimensional stream emanating from the origin, and having a complete coverage for the domain fold of the respective origin fold.
34. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

BLISSFUL REVISIT

1. One shall have a blissful revisit to the above synthesis phenomenon.
2. One shall sequentially chase the steps of above synthesis phenomenon.

CONCEPTUAL EVALUATION EXERCISE

1. One shall evaluate oneself about one's comprehension and appreciation of glimpsing and imbibing of above synthesis phenomenon.
2. Further, one shall revisit and evaluate one's comprehension and appreciation:
   i. Point as zero space body.
   ii. Point as zero value state for any dimensional body.
   iii. Point as a structured point.
   iv. Point as a structured point of a given dimensional domain.
   v. Point as a Bindu Sarovar (point fulfilled with structure reservoir).
   vi. Gap between a pair of point.
   vii. Gap between points accepting insertion of another point.
   viii. 3 point fixation of the gap in between a pair of points by availing the given pair of point and the point inserted in between the given pair of point
3. First stream emanation from the origin contributes value (N), pair of streams contributes value (N+2, triple steams contribute value 6, quadruple steam contributes value (12- 2N) ….
4. Total contribute by second steam only [N-(N-2)] = 2.
5. The total contribution by third steam is [N- 2 (N-2) = (4-N).
6. The total contribution with addition of fourth stream is (dimension is [N-3(N-2)] = (6-2N).
7. Total contribution by the Rth stream would be [N-(R-1)(N-2)] = 2R-2-(R-2)N.

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LESSON-12

LINEAR AND SPATIAL DIMENSIONS SYNTHESIS VALUES DIFFERENCES

1. Dimensional synthesis values for **linear** dimensions (n =1) gives us a values sequence for single, double, triple, quadruple and higher number of **linear** dimensions as (**1, 3, 6, 10, 15, 21, 28, 36, 45, 55** …).
2. Dimensional synthesis values for **spatial** dimensions (n =2) gives us a values sequence for single, double, triple, quadruple and higher number of **spatial** dimensions as (**2, 4, 6, 8, 10, 12, 14, 16, 18, 20 …**).
3. The following tables, enlists the values differences for synthesis of single, double, triple, quadruple and higher number of linear and spatial dimensions.

Number of dimensions	Linear dimension Synthesis Values	Spatial dimension Synthesis values	**Difference of synthesis values**
1	1	2	**-1**
2	3	4	**-1**
3	6	6	**0**
4	10	8	**2**
5	15	10	**5**
6	21	12	**9**
7	28	14	**14**
8	36	16	**20**
9	45	16	**27**

10	55	18	**35**
…	…	…	**…**

4. Let us have a pause here and have a revisit of the sequential range of difference of values of single, double, triple, quadruple and higher number of linear and spatial dimensions synthesis values: **(-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44, …).**
5. One may have a pause here and take note that above values sequence has sequential increase at every step, leading to the values sequence: (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, …).
6. One may further have a pause here and take note that linear dimension synthesis values sequence (1, 3, 6, 10, 15, 21, 28, 35, 44, …) accepts a reach in following 3 steps:
   Step 1 (1, 1, 1, 1, 1, 1, 1, 1, 1 ….)
   Step 2 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10 …)
   Step 3 (1, 3, 6, 10, 15, 21, 28, 35, 44 …)
7. One may further have a pause here and take note that spatial dimension synthesis values sequence (2, 4, 6, 8, 10, 12, 14, 16, 18, …) accepts a reach in two steps as follows:
   Step 1 (2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 ….)
   Step 2 (2, 4, 6, 8, 10, 12, 14, 16, 18, 20 …)
8. One may further have a pause here and take note that linear dimension synthesis values sequence is reach at 3 steps, starting with as first step as (1, 1, 1, 1, 1, 1, 1, 1, ….).
9. Further, spatial dimensions synthesis values sequence (2, 4, 6, 8, 10, 12, 14, 16, 18 …) is reached at 2 steps with

starting with the first step as (2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 …).

10. One may further have a pause here and take note that the middle second step (in case of linear dimension, namely the values sequence (1, 2, 3, 4, 5, 6, 7, 8, 9, 10 …) is the values differences sequences progressions steps for (-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44 …) being the values difference in respect of synthesis of linear and spatial dimensions.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
12. It would be blissful to take note that synthesis values sequence for solid dimensions (N = 3) comes to be (3, 5, 6, 6, 5, 3, 0, -4 …), and its difference from the dimensional synthesis values sequence of spatial dimensions (2, 4, 6, 8, 10, 12, 14, 16 …) comes to be (-1, -1, 0, 2, 5, 9, 14, 20 …), which is the same as is the values difference between synthesis values in respect of linear and spatial dimensions.
13. It would be a very blissful to take note that difference value for synthesis values of any pair of consecutive dimensional order say R^{th} and $(R+1)^{th}$ order will be the same as (-1, -1, 0, 2, 5, 9, 14, 20, 27, 35, 44, 55, 66, 78, 91 …).
14. It would further be very blissful to extend above dimensional synthesis values sequence for N = 0, as well as for negative values of N as well.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of

trans and to glimpse and imbibe the above format feature and values.

16. One shall evaluate one's comprehension of the above reach of dimensional synthesis values sequence for any dimensional order N, for its positive, zero and negative values for N.
17. Still further, it would be a very blissful exercise to reach at differences values sequence of dimensional synthesis values for a pair of consecutive dimensional orders.
18. It would be a very blissful exercise to reach at difference value of dimensional synthesis values of a pair of consecutive dimensional order as: (… -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 …).
19. It would further be a very blissful exercise to reach at a complete table of dimensional synthesis values for all dimensional order (positive, zero or negative) for their all numbers of dimensions (positive number of dimensions, zero number of dimensions and negative number of dimensions.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to distinctively glimpse and imbibe the existence of positive number of dimensions, zero number of dimensions and negative number of dimensions.
21. One shall further glimpse and imbibe the existence of positive dimensional order, zero dimensional order and negative dimensional order.

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