

**Vedic Mathematics, Science & Technology
Teacher Course**

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This day the course focus is upon “”. It four folds aspects being taken up are as follows:

148. Corner of a cube being the creative origin

149. Split in synthesis of natural domain and self-referral order

The values being covered are to be taught as lessons numbers 153 to 154 to the students of 6-space Vedic Mathematics, Science & Technology.

LESSON-148

**CORNER OF A CUBE BEING THE CREATIVE
ORIGIN**

1. Let us have a revisit to 9th sub cube of a cube.
2. Corner point of the 9th sub cube is the centre of the sub cube.
3. Centre of sub cube is the seat of a creator's space.
4. With it, each of the corner point of the 9th sub cube becomes a seat of a creator's space.
5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of

trans and to glimpse and imbibe the above formats features and values.

6. Let us have a fresh visit to the set up of a dimensional frame within corner of the cube.
7. Within the corner of the cube is embedded a 3 dimensional frame of half dimensions.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
9. Let us have a fresh visit to set up of a 3 dimensional frame of half dimensions is embedded within a corner of the cube.
10. The dimensions of this dimensional frame are of inward orientation.
11. The set of eight 3 dimensional frames of half dimensions are coordinated as quadruple paired pairs of dimensional frames.
12. Each pair of so coordination 3 dimensional frame get fixed in term and internal diagonal of the cube with the pair of end points of the diagonal being superimposed upon the corner points being the seats of origins of the dimensional frames.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
14. It would be a blissful to take note that the diagonal becomes the translation path of a pair of dimensional frames translating for their reach at centre of the cube where this pair of dimensional frames synthesis as a dimensional frame of full dimensions.

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 formats features and values.
16. One shall visit and revisit this synthesis phenomenon of a pair of 3 dimensional frames of half dimensions.
17. It would be a blissful exercise to glimpse and imbibe the format feature and values of happening of a synthesis of 4 quadruple 3 dimensional frames of full dimensions at the centre of the cube itself where already is their a 5th three dimensional frame of full dimensions.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
19. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the happening of centre of the being a seat of all the five creative origins of 5 three dimensional frame of full dimensions.
20. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
21. It would be a blissful exercise to glimpse and imbibe these features at centre of each of sub cube of the cube.
22. It would further be a very blissful exercise to further glimpse the manifestation of 9th sub cube within a cube of the set up of 8 sub cubes.
23. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.

24. It would be a blissful exercise to visit and to revisit the corner points of the 9th sub cubes.
25. It would further be a very blissful exercise to visit and to revisit the centre of 9th sub cube.
26. Sadhakas fulfilled with intensity of urge to know and to explore further shall go a step ahead, and to split each of 64 sub-sub cube into 8 sub-sub-sub cubes, and in their by making a set up of 512 sub-sub-sub cubes.
27. The re-organization will bring us face to face with 65th sub-sub cubes.
28. It will further bring us face to face with the set up of 1000 branches of Sam Ved.
29. It will also bring us face to face with the organization of text of Ganita Sutras and Upsutras of 519 letters settles.
30. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.



LESSON-149

SPLIT IN SYNTHESIS OF NATURAL DOMAIN AND SELF-REFERRAL ORDER

1. Hyper cube 8 as four folds manifestation layer (6, 7, 8, 9) of summation value $(6 + 7 + 8 + 9) = 30$ parallel to structural set up of cube as a sealed framed domain of 8 corner points, 12 edges, 6 surfaces, 1 volume and 3 axes deserves to be glimpsed fully for its complete imbibing.
2. The domain boundary ratio **a⁸:16a⁷** as well deserves to be glimpsed fully to have insight about the unity state (7-

- space) boundary of 16 components of natural domain (8-space domain).
3. Sadhakas fulfilled with intensity of urge to know and to explore further about the organization format features and values of 16 Ganita Sutras and 13 Ganita Upsutras text of 519 letters in all shall glimpse and imbibe unity state boundary of 16 components of natural domain.
 4. It is the take off of the unity state boundary components and the resultant dimensionalization of outer space as Brahman domain of unity state order deserves to be comprehended well for its through appreciation.
 5. As 9-space accepts 8-space in the role of its boundary, as such the split of 8-space domain and synthesis of self-referral order are the features which deserve to be fully imbibed.
 6. Self-referral dimensional order (6-space in the role of dimension) creates natural domain with Brahman origin (8-space as domain and 9-space as origin).
 7. It is this feature which brings to focus the role of 9-space as origin to sustain integrated state of natural domain.
 8. One may have a pause here and it brings to focus the values triple format (6, 6, 9) of integrated state of natural domain (8-space as domain).
 9. One may have a pause here and take note that the triple values integration format (6, 6, 9) of natural domain leads to summation value $(6+6+9) = 21$, which accepts re-organization as $21 = (1 + 2 + 3 + 4 + 5 + 6)$ parallel to the format of Sathapatya measuring rod synthesized by hyper cubes 1 to 6.
 10. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of

trans and to glimpse and imbibe the above formats features and values.

11. One may have a pause here and take note that in general the triple values integration format for N-space domain comes to be (N-2), (N-2), (N-1) leading to summation value $3N-3 = 3(N-1)$.
12. One may have a pause here and take note that (N-1) space plays the role of boundary of n-space domain.
13. One may further have a pause here and take note that $2(N-1)$ components are the boundary of (N-1) space itself.
14. As such, the structural components of domain and boundary come to be $3(N-1)$.
15. One may have a pause here and take note that the above feature deserves to be comprehended well to all value of n, and in particular for $N = 8$.
16. The format features and values of above split and synthesis phenomenon of dimensional domain, particularly of natural domain (8-space domain) deserves to be fully imbibed to acquire proper insight and to attain appropriate enlightenment above this phenomenon.
17. The sequential range of values $3(N-1)$ for $N = (1, 2, 3, 4, 5, 6, 7, 8, 9, 10 \dots)$ leads to $(0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42 \dots)$.
18. One may have a pause here and take note that the value 21 for $N = 8$ and value 42 for $N = 15$ are of very rich structural set up.
19. Number value 21 with its organization $21 = (1 + 2 + 3 + 4 + 5 + 6)$ is parallel to the self-referral range for mat of Sathapatya measuring rod synthesized by hyper cubes 1 to 6.

20. Number value 42 is the synthesis value of a pair of transcendental ranges of spatial order $(2 + 3 + 4 + 5 + 6) + (2) + (2 + 3 + 4 + 5 + 6)$.
21. One may have a pause here and take note that the values pairs (8, 15) with its re-organization as (3+5), (3 x 5), further have a format of a very rich structure reservoir as that value pair (3, 5) is parallel to the format of (solid dimensional order, transcendental domain).
22. It would be a blissful to take note that number value 15 is parallel to 15 geometric range of 7-space while number value 8 is parallel to the range of non-negative geometries of 7-space.
23. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
24. It is going to be a virtue of blissful grace to imbibe the synthesis phenomenon of a pair of 6 dimensional frames.
25. 6 dimensional frame is a set up of 6 creative dimensions.
26. The synthesis of 6 creative dimensions sequentially leads to self-referral range (4, 6, 6, 4, 0, -6).
27. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
28. The dimensional synthesis value of 6 creative dimensions leads to a value (-6).
29. The pair of 6 dimensional frame shall be leading to a pair of values (-6, -6).

30. The synthesis value for the pair of value $(-6, -6) = (-4)$ brings us face to face with the reach at negative creative dimensional order.
31. It is this feature which deserves to be comprehended well.
32. It is this feature which brings us face to face with the interrelationship of $(6, 6) = 8$, $(4, 4) = 6$, $(-6, -6) = (-4)$.
33. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.

