VM006-DocII020

Vedic Mathematics, Science & Technology
Teacher Course

By Dr. S. K. Kapoor

SEQUENTIAL DIMENSIONAL SYNTHESIS

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

77. Along Sathapatya measuring rod format
78. Opening words
79. Synthesis of dimensions of same order
80. Sequential dimensional synthesis value for different dimensional order

The values being covered are to be taught as lessons numbers 77 to 80 to the students of 4-space Vedic Mathematics, Science & Technology.

LESSON-77

ALONG SATHAPATYA MEASURING ROD FORMAT

1. The difficulty of above are inherently in their because of the comprehension of reality of existence phenomenon and resultant concept of many fold and its applications.
2. Vedic Mathematical systems comprehension base and conceptually format is that of a Sathapatya measuring

rod as the processing format for the manifestation reality of dimensional spaces and its bodies within creator's space.

3. The manifestation within creator's space even for the creation format itself format is the spatial order value which eludes 'many fold' format.
4. Spatial order structure a four dimensional frame of quadruple spatial dimensions and within this dimensional frame manifests domain fold at whose origin there may happen a transcendence.
5. This comprehension of :
   (I) Manifestation of domain within a dimensional frame of spatial order,
   (II) Domain accepts a origin of a higher dimensional order, and
   (III) Transcendence takes place at the origin for a reach up till the base fold.
6. These features of manifestation and transcendence there from within creator's space, on their chase will help us transcend through conceptual format of many fold.

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LESSON-78
OPENING WORDS

1. Many fold is restrictive in its concept and format vish-a-vish the dimensional order.
2. Dimensional order creates structure manifesting because of synthesis phenomenon of dimensions.
3. Dimensional synthesis mathematics is at the base of manifested creation within creator's space (4-space).

4. The creation format of creator's space is a 4 folds manifestation layer.
5. The four folds are of the feature of the creation as dimension fold, boundary fold, domain fold and origin fold.
6. These four folds are there because of simultaneous manifestation of contents of four constitute dimensional spaces and their sequentially arranged roles as of dimension, boundary, domain and origin.
7. These features of manifested creation has a creation format and also has of manifestation along this format, including that of four space body (hyper cube 4) is the feature which plays the central role in the existence phenomenon of happening and un-happening of dimensional spaces and existence phenomenon within these dimensional spaces.

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LESSON-79
SYNTHESIS OF DIMENSIONS OF SAME ORDER

8. Zero number of dimensions amounts to absence of dimensions.
9. It simply means that dimension have yet not come into play.
10. As such it is a zero value state.
11. When single dimension comes into play it gives rise to a value equal to the dimensional order (of the dimension).
12. Pair of dimensions of same order lead to a value:
    (I) As a first step, value of first dimension which will be equal to its order (n).

(II) At second step, second dimensional as well will be contributed value (n).

(III) However the synthesis of pair of dimensions shall be requiring a glue value equal to dimension of dimension which comes to be (n-2).

(IV) And there by, the dimensional synthesis value for a pair of dimension of order n will come to be (n+n-n+2) = n+2.

(V) In case of a synthesis of triple dimension of same order, the synthesis value will come to be equal to synthesis value of a pair of dimensions minus the synthesis glue value for third dimension with first two dimensions that is (n-2) and their by the synthesis value of triple dimensions of order n comes to be (n+2) +n-2(n-2) = 6.

13. One may have a pause here and to take note that the dimensional synthesis value of triple dimensions of order n, for all values of n comes to be a constant value '6', which is a perfect number.
14. The synthesis value of quadruples dimensions of order n will come to be [6+n-3(n-2)] = 12-2n.
15. Let us have a pause here and take note that the grand summation value of single double triple and quadruple dimension of same order comes to be:
[(n+n-2+6) + (12-2n)] = 20.
16. It is this feature which makes synthesis up till quadruple dimension being of constant value for all dimensional order.

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LESSON-80
SEQUENTIAL DIMENSIONAL SYNTHESIS VALUES FOR DIFFERENT DIMENSIONAL ORDERS

17. Dimensional order one (linear dimensional order leads to a sequence of dimensional synthesis values for single, double, triple, quadruple …) number of dimension being (1, 3, 6, 10, 15, 21, 28 …).
18. This sequence of value for spatial dimensional order will be :
    (2, 4, 6, 8, 10, 12, 14 …).
19. In case of solid order synthesis value sequence comes to be:
    (3, 5, 6, 6, 5, 3, 0 …).
20. One may have a pause here and to take note that the sequential difference of synthesis values of linear order sequence and spatial order sequence as above , comes to be:
    (-1, -1, 0, 2, 5, 9, 14, 20, 27 …).
21. It would be blissful to take note that if above differences value sequence-values are sequentially subtracted from the relevant value, in that sequence and order from the value of sequence of spatial order; the same shall be leading to the sequence of synthesis values of solid dimensional order.
22. The above rule of reach from spatial order to solid order value shall be sequential leading us to the value of synthesis of sequential value of creative dimensional order, transcendental dimensional order, self-referral dimensional order and so on.

23. As the rule, takes us from spatial order to solid order onwards the same, in reverse orientation will also be sequential leading from spatial order to linear order, liner order to zero order, from zero order to negative linear order and so on.
24. To have full appreciation of above synthesis dimensional synthesis values, one may also sequentially chase the sequence of values of zero numbers dimension of all dimensional orders as that here there would be a constant value '0' for each dimensional order.
25. Single dimension for every dimensional order will yield value equal to value of dimensional order itself it shall be: (1, 2, 3, 4, 5, 6, 7 …).
26. The dimensional synthesis values for pair of dimensions for the sequence of dimensional orders will be (3, 4, 5, 6, 7 …).
27. Dimensional synthesis for triple dimensions of different dimensional order would be constant value '6' in each case.
28. Dimensional synthesis values sequence for quadruples dimensions of whole range of dimensional order would be (10, 8, 6, 4, 2, 0,-2,-4 …).
29. Synthesis value for 5 dimensions of same order for every dimensional order leads to values sequences (15, 10, 5, 0,-5,-10 …).
30. Like that, values sequence can be reached at synthesis value of any number of dimensions for whole range of dimensional order.

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