

# Vedic Mathematics, Science & Technology

## FOUNDATION COURSE



---

### CHASE PHASE TWO

Week – 4

Split of three dimensional frame  
(22-04-2014 to 28-04-2014)

#### Introductory

1. We have reached phase – 2 of section – 1 of the course.
2. Section – 1 has a focus upon the initial aspect of foundation of the Discipline of Vedic mathematics, Science & Technology.
3. This focus, as such is upon the aspect of ‘installation of Shiv Lingum in creator’s space.
4. During phase – 1 the aspects covered are (i) Preliminary chase steps (ii) Real 4 and 5 spaces (iii) Spatial and solid order.
5. The coverage of the chase steps of phase – 1 have been:
  - (i) Technical terms (ii) Hyper cubes 0 to 6 (iii) Geometric ranges of 0 to 6 spaces (iv) Real 4-space (v) Origin of 4-space (vi) Real 5-space (vii) Spatial order (viii) Solid order (ix) Spatial and solid order
6. The present phase – 2 ‘Split of three dimensional frame’ is being planned for its chase in three steps namely ‘I’ Split of three dimensional frame ‘II’ Organization of a pair of hemispheres ‘III’ Three points fixation of an interval.
7. These aspects of ‘Split of three dimensional frame’ are going to be chased in 9 steps (i) Three dimensional frame (ii) Split of a three dimensional frame (iii) Synthesis of three dimensional frame of half dimensions (iv) Cube and sphere (v) Prism and hemisphere (vi) Organization format of hemisphere (vii) Three point fixation of an interval (viii) Fluctuating middle point (ix) Part as whole.
8. The focus during this phase is upon the set up of a three dimensional frame.
9. This focus is for the chase of format and features of the set up of the three dimensional frame.
10. Further it is for the chase of the manifestation of individual axes, as well as about their coordination with the origin of the dimensional frame.
11. Still further it shall be focusing upon the coordination of the dimensional set up of the dimension themselves with dimensional set up of the origin.
12. It in a way shall be bringing us face to face with the fact that dimension themselves are domain folds of within their dimensional frames.
13. It as such shall be taking us to dimension of dimension level of the manifestation phenomenon.



of the cube and thereby emerging four pairs of three dimensional frame of half dimensions being of opposite orientation.

12. One may further have a pause here and permit the transcending mind to transcend through the synthesis of pair of half dimensions of opposite orientation along an edge of the cube
13. One may further have a pause here and have a fresh look at the set up of a cube as synthetic set up of the pair of half dimensions of opposite orientations
14. One may further have a pause here and take note that the parallel to cube sphere is also the representative regular body of 3-space.
15. Further it also be relevant to take note that  $NVF(\text{Sphere}) = NVF(\text{line cube})$
16. One may have a pause here and permit the transcending mind to transcend through the manifestation format of hyper cube 1, as well as of hyper cube 3 and glimpse the common format and features of manifestation layers in both cases being the four fold set up of dimension fold, boundary fold, domain fold and origin fold.
17. In this background, it would be blissful to chase format and features of  $NvF$  equation  $NVF(\text{Linear}) = NVF(\text{Solid})$

\*

---

---

#### Chase Phase step 11: Split of a three dimensional frame

---

---

1. The split of a three dimensional frame and synthesis of a pair of three dimensional frame are two different aspects, whose chase shall be taking us to 'two different formats of distinguishing features'
2. The split of a three dimensional frame as a focus upon the origin, which is a spatial dimensional.
3. It is the availability of a spatial dimensional origin which makes split for a three dimensional frame into a pair of three dimensional frames of half dimensions.
4. In the process of this split, it is the permissibility of the split of the spatial order itself which has prominent role for the attainment of the split of the three dimensional frame.
5. One may have a pause here and take note that the spatial order brings into 2-space in role of dimension.
6. That way, it is the pair of dimensions of 0 order as 0-space plays the role of dimension of 2-space,
7. On their split as a pair of individual dimensions, that would ultimately make the split for a three dimensional frame into a pair of three dimensional frame of half dimensions as that the pair of origins of pair of three dimensional frames of half dimensions, shall be the manifestation of individual 0 order dimensions of spatial order
8. One may have a pause here and take note that  $NVF(\text{Point}) = NVF(\text{One line})$ .
9. It is this feature of point origin of a three dimensional frame of half dimensions as that  $NVF(\text{Point}) = NVF(\text{One line})$ , which shall be marking the prominent feature of three dimensional frame of half dimensions.
10. One may have a pause here and take note that three dimensional frame of half dimensions, as such shall be having origin of format and features of

NVF (Point) = NVF (One line), while line axis shall be of the format and features of NVF (Straight) = NVF (Two space)

11. It would be a blissful exercise to permit the transcending mind to continuously remain in prolonged sitting of deep trans to revisit the phenomenon of split of a three dimensional frame into a pair of three dimensional frames of half dimensions.

\*

---

---

Chase Phase step 12: Synthesis of three dimensional frame of half dimensions

---

---

1. The syntheses of a pair of three dimensional frames of half dimensions is of distinct features than that of the phenomenon of split of a three dimensional frame into a pair of three dimensional frames of half dimensions.
2. The basic focus during this synthesis process of a pair of three dimensional frames of half dimensions is to be upon the synthesis of the origins of the pair of three dimensional frames of half dimensions.
3. The synthesis of origins of a pair of three dimensional frames of half dimensions is also to attain the synthesis of three pairs of half dimensions as three full dimensions.
4. One may have a pause here and take note that this synthesis attainment for a pair of half dimensions of opposite orientations is to be parallel to the format and features of the synthesis of pair of half dimensions as edge of a cube.
5. One may have a pause here and take note that NVF (Linear) = NVF (Solid).
6. One may further have a pause here and take note that the set up of the cube coordinates as many as eight three dimensional frames of half dimensions.
7. Further as that eight three dimensional frames of half dimensions are coordinated as four sets of pairs of three dimensional frames of half dimensions along the end points of four internal diagonals of cube
8. Still further as that the pair of three dimensional frames of half dimensions with their origins super imposed upon and coordinated by corners of an internal diagonal are of the placements such that while these three dimensional frames are translated inward the same with their reach at center of the cube which itself is super imposed upon origin of 3-space, which is a seat of spatial order 4-space, the same shall be resulting into synthesis of as many as four three dimensional frames of full dimensions, which along with the fifth main three dimensional frame of full dimensions shall be attaining the requisite synthesis of the format and features of the set up of five three dimensional frames of full dimensions
9. One may have a pause here and take note that
  - i. NVF (Spatial) = NVF (solids)
10. Five solid dimensions constitute solid dimensional frame of 5-space.
11. 5-space plays the role of origin of 4-space, while 4-space itself plays the role of origin of 3-space.
12. One may further have a pause here and permit the transcending mind to continuously in prolonged sitting of trans and to glimpse the phenomenon of synthesis of a pair of three dimensional frames of half dimensions because of the role of 5-space accepting five dimensions frame of five solid dimensions

13. One may further have a pause here and take note that the spatial dimensional order (2-space in the role of dimension) takes us to the set up of hyper cube 4 with 5-space in the role of origin and the whole set up being the format and features of a manifestation layer (2, 3, 4, 5)
14. Still further it also would be relevant to note that the point origin of a pair of three dimensional frames of half dimensions because of the features NVF (point) = NVF (one line), as such shall be making available a pair of lines set up, which as a pair of linear dimensions shall be synthesizing dimensional synthesis value (1, 1) as '3', which shall be taking us to 5-space set up.
15. It would be a blissful exercise to revisit the phenomenon of split of a three dimensional frame of half dimensions.
16. Further One shall revisit the phenomenon of synthesis of a pair of three dimensional frames of half dimensions into a three dimensional frame of full dimensions.
17. Both these phenomenon namely the split of a three dimensional frame of half dimensions and further the synthesis of a pair of three dimensional frames of half dimensions into a three dimensional frame of full dimensions deserves to be comprehended individually as well as simultaneously as the basic phenomenon of the foundation of the Discipline of 'Vedic mathematics, Science & Technology'.

\*