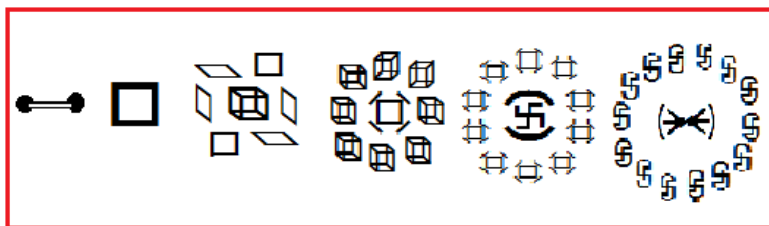


## VEDIC MATHEMATICS

&

## MODERN MATHEMATICS

### SATHAPATYA MEASURING ROD



### (HYPER CUBES 1 TO 6)

## Consolidated Steps of learning and teaching of Vedic mathematics, Science & Technology

### STEP – 6

#### Hyper cube as manifestation layer

1. Sixth learning and teaching step of Vedic mathematics, Science & Technology is about the format of hyper cube- as a four fold manifestation layer.
2. Manifestation layer format of hyper cube is of four folds, namely 'dimension fold, boundary fold, domain fold, origin fold.
3. These four folds are manifested space content lumps of four consecutive spaces.
4. 3-Space content lump manifests domain fold of cube / hyper cube-3.
5. 2-Space content lump manifests boundary fold of hyper cube-3.
6. 1-Space content manifests dimension fold of hyper cube-3
7. 4-Space content manifests origin fold of hyper cube-3.
8. Four folds of cube / hyper cube-3 are (1-Space content as dimension fold, 2-Space content as boundary fold, 3-Space content as domain fold, 4-Space content as origin fold).
9. Four spaces namely (1-Space, 2-Space, 3-Space, 4-Space together provide format for four folds of hyper cube-3.
10. Hyper cube-3 as a set up of four folds is designated as four fold manifestation layers of hyper cube-3.
11. These four folds as four folds manifestation layers format is parallel to quadruple numbers (1, 2, 3, 4).
12. As such, hyper cube-3 as a four fold manifestation layer is represented as (1, 2, 3, 4)
13. This representation of hyper cube-3 as (1, 2, 3, 4) is parallel to the set up of (1-Space, 2-Space, 3-Space, 4-Space) and same further is parallel to the set up of (1-Space content, 2-Space content, 3-Space content, 4-Space content).

14. Hyper cube-2 is of four fold manifestation layers format (0, 1, 2, 3).
15. Hyper cube-1 is of four fold manifestation layers format (-1, 0, 1, 2)
16. Hyper cube-0 is of four folds manifestation layers format (-2, -1, 0, 1)
17. Hyper cube-4 is of four folds manifestation layers format (2, 3, 4, 5)
18. Hyper cube-5 is of four folds manifestation layer format (3, 4, 5, 6)
19. Hyper cube-6 is of four folds manifestation layers format (4, 5, 6, 7)
20. Hyper cube-n is of four fold manifestation layers format (n-2, n-1, n, n+1)

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