Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

ॐ । गायत्री छन्द । सरस्वती मंत्र । महेश्वर सूत्र । गणित सूत्र

Om Gyatri Chand, Saraswati Mantra, Maheshwar Sutra, Ganita Sutras
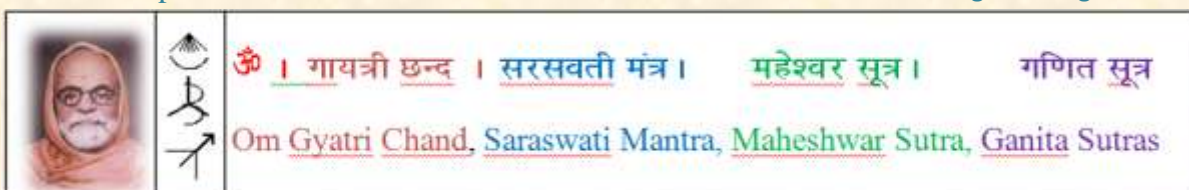
Vedic Mathematics,
(Sunlight format Mathematics)
Concepts of Transcendence
Mathematics of Creators space

3-Space VMS & T

1. **Cube as Hyper cube-3**
2. **Two Faces of surface**
3. **Vertical play format of Devnagri Alphabet Script**

4

Dynamic state cube and 4-space VMS & T

1. Static state solids are worked out as 3-space mathematics science and technology.
2. Dynamic state solids are worked out as 4-space mathematics science and technology.
3. As such, one way to approach 3-space mathematics science and technology is along format of static solids.
4. Parallel to it, 4-space mathematics science and technology avails format of dynamic state solids format.
5. Solids have a degree of freedom of motion with 4-space.
6. As 4-space is a spatial order space, as such, the degree of freedom of motion of solid within 4-space is of a spatial format.

7. One may have a pause here and take note that cube manifests within 4-sapce is hyper cube-3 along the format of spatial manifestation layer format (2,3,4,5) as a base format.

8. One may have a pause here and take note that 3-spce is a linear order space.

9. As such cube is a geometric body of linear dimension order.

10. However within 4-space linear dimension acquire spatial format.

11. Accordingly, cube transforms as hyper cube-3 format with its domain standing framed within 3 linear dimensions of spatial formats and domain fold of hyper cube-3 gets enveloped within a spatial boundary of 6 components.

12. One may have a pause here and take note that 3 dimensional frame of 3-sapce becomes a synthetic setup of a pair of 3-dimensional frames of half dimensions.

13. With it, the organization of domain fold of hyper cube-3 permits approach to it, firstly in terms of a set of 6 half linear dimensions and secondly as a set of 6 spatial boundary components.

14. One may have a pause here and take note that a three dimensional frame imbedded at centre of the cube makes each dimension as a synthetic setup of a pair of half dimensions.

15. The pair of parts of a dimension passes through the centers of the pair of parallel surface plates of the cube.

16. With it the emerging set of 6geometric setups comes to be of the format and features of a surface plate and vertical line passing through it's a centre.

17. One may have a pause here and take note that this set of 6 setups of surface plates and vertical lines passing through centers of the surface plates, that way constitutes a mathematical (geometrical) tool to work out the domain fold of hyper cube-3.

18. One may have a pause here and take note that the domain fold of hyper cube-3 splits into 8 octants.

19. Further as that the integrity of the volume of each octant is preserved because of half of the internal diagonal of the cube.

20. One may have a pause here and take note that cube has 4 internal diagonals through centre of the cube and each of these diagonal is a synthetic setup of the pair of parts..

21. One may have a pause here and take note that split of the domain fold of hyper cube-3 as eight octants/eight sub cubes, is parallel to static state of cube, as well as the same, in which dynamic state transit and transforms into format of hyper cube-4 with a role of eight octants being parallel to the role of eight component of solid boundary of hyper cube-4.

22. One may have a pause here and take note that within domain fold of hyper cube-4, the begging of freedom of motion of cube manifests as thirteenth edge along the format of spatial dimension of 4-space.

23. One may have a pause here and take note that as the dimensional frame of 4-space is a setup of 4-spatial dimensions, as such the degree of freedom of motion along each of the 4-dimension of 4-sapce shall be manifesting distinct additional edge.

24. With it, the complete dynamic state coverage by cube within manifold of hyper cube-4 can be fully depict it in terms of a set of 4-edges of spatial formats parallel to 4 dimensions of 4 dimensional frame itself.

25. One shall sit comfortably and permit the transcending mind to be face to face with the format and features of dynamic state of cube within 4-space.

Transition from 3-space VMS & T

26. The transition from-se 3-space VMS & T to 4 space VMS & T is to be attained by transcendence at origin fold of hyper cube-3.

27. It may be re-capitulated that hyper cube-3 is a fourfold manifestation layer (1,2,3,4) with 4-spacce playing the role of origin of 3-space.

28. As such origin base of manifestation format of cube is (2,3,4,5) manifestation layer of hyper cube-4

29. One may have a pause here and take note that 5-space plays the role of origin of 4-space.

30. As such the manifestation format of hyper cube-4 is hyper cube-5.

31. One may have a pause here and take note that hyper cube-5 is the fourfold manifestation layer (3,4,5,6).

32. The summation value of quadruple artifices (3,4,5,6) comes to be (3+4+5+6=18).

33. One may further have a pause here and take note that fourfold manifestation layer (3,4,5,6) is a synthetic setup of a pair of manifestation layers of hyper cube-3, namely (1,2,3,4) and (1,2,3,4).

34. One may further have a pause here and take note summation value of quadruple artifices (1,2,3,4) comes to be (1+2+3+4=10).

35. Further as that (10+10=20).

36. Therefore the artifices pair (18,20) is of format parallel to dimension fold-domain fold.

37. In reverse orientation, the syntheses of a pair of manifestation layers (1,2,3,4) and (1,2,3,4) comes to be (3,4,5,6).

38. Therefore the artifices pair (20,18), which is parallel to the format of domain fold-dimension fold, the same shall be bringing us face to face with the setup of 'Lotus flower Kamal, Pushp'.

39. One may have a pause here and take note that NVF value of lotus flower comes to be 79 =146=73+73, which is parallel to NVF value of format with itself.

40. One may further have a pause here and take note TCV value of Sanskrit formulation, Kamal, Pushp is 18+20=38 which constitute a reflection pair with artifice 83 and the summation value 38 + 83 =121=11+11 is of the format and features of English formulation 'Unification of NVF value 121.

41. It would be relevant to note that NVF (Fire) = 38.

42. Further TCV value of Sanskrit formulation Agin comes to be '14'.

43. TCV value of Sanskrit formulation Again, Ghan, Verg, Ant are '14'.

44. With it the format of hyper cube-4 as a fourfold manifestation layer (2,3,4,5) becomes the basic manifestation format.

45. One may have a pause here and be face to face with the format of hyper cube-4.

46. This format with origin base TCV value (18) parallel to TCV value of Sanskrit formulation Kamal with simple English rendering as 'Lotus' shall be helping us loctet different roles of this formulation like:

i.   Lotus Seat of Lord Brhama
ii.   Lotus eye of Lord Vishnu

…to be continued

15-05-2015   Dr. Sant Kumar Kapoor