Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'

All are invited to join Awareness program

    All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.

    Dr. S. K. Kapoor
    Sh. Rakesh Bhatia
    Sh. Bhim Sein Khanna
    Sh. Deepak Girdhar
          - Organizers

ISSUE NO 54

Full Light Wisdom and Void black ignorance

1. Present day ignorance about the Ancient Wisdom is a real concern.
2. Ancient Wisdom with Vedas as its core is eluding present day mental state of existing generation.
3. The current schooling deserves to be revisited to have an idea of the reasons for the 'void black ignorance' in respect of full light wisdom.
4. Full light wisdom is lively and is vibrating within Vedas and Vedic literature.
5. A big range of Vedic literature has reached us and is intact with us despite all hazards of Times.
6. Wholesome wisdom of Ved organized as knowledge of four Vedas is intact with us as Samhitas, Brahmana, Arniks and upnishads.
7. Rigved, Yajurved, Samved and Atharavved of four Vedas. Rigved has 21 branches. Yajurved has 101 branches. Samved has 1000 branches and Atharavved has 9 branches.
8. These 1131 Vedic branches have distinct Samhitas, Brahmans, Arniks and upnishads, all together 4 x 1131 = 4524 scriptures.

9. Parllel to these pure values of Vedic knowledge are applied values in the form of Upvedas. Ayurved is the Upved of Rigved. Dhanurved is the upved of Yajurved. Ghandaravved is the upved of Samved. And Sathapatya measuring rod is the upved of Atharavved.

10. There are well established processes of Vedic Systems for chase of Applied Values parallel to Pure Values. Mantras, Tantras, Yantras, Jantris for the yajnas are well documented for their end to end chase steps of whole range of phases and stages of Yajnas.

11. Vedic Systems and parallel steps for pure and applied values chase. Shiksha, Vyakaran, Nirukat, Chandas, Jyotish and Kalap Vedangas are the sequential phases and stages of learning for studying Vedas.

12. Organization format of Rigved samhita is of the range of 432000 akshras of which 397265 akashras are in manifest (written form) while remaining 34735 are in unmanifest (unwritten form) values of the written text.

13. The range of 432000 akshras of Rigved samhita, of which 397265 written akshras are organized as 10552 richas.

14. This organization of richas is as 2024 vargas and 1028 suktas.

15. These vargas and suktas are organized as 85 anuwaks, 64 chapters, 8 ashtaks and 10 mandals.

16. Each richa has its distinct rishi, Devta, Chandas and Swara. These richas carry transcendental (5-space) values.

17. These transcendental (5-space) values are of transcendental (5-space) domains.

18. The transcendental (5-space) domains are of manifested forms of transcendental (5-space) space content.

19. The transcendental (5-space) content is of self referral (6-space) format.

20. The self referral (6-space) format is of unity base.

21. The unity base is of Asht Prakrati state. Asht Prakrati state is based in values universe. The values universe is of virtuous virtue.

22. The whole range of virtuous virtue deserve to be glimpsed and to be visited and revisited time and again.

23. This glimpsing attempt will bring us face to face with depths of our ignorance.

24. The repeated attempts of glimpsing virtues virtue of transcendental (5-space) domains lively in Vedic Systems will give twinkling inkling of the full light wisdom domain of Vedic Systems.

25. It also would be bringing us face to face with our ignorance, 'void black ignorance' in respect of 'full light wisdom' of Vedas.

26. Our introspective look at the format, features, values, virtues and order of the formats of individual letters of Vedic alphabet will further bring us face to face with depths of our ignorance about Vedic Systems.

27. Let us start visit the formats of first vowel (अ) and first consonant (क्). Let us pose to our self as to what the formulation 'अक्' makes out for us.

28. Let us pose to ourselves as to how the formulation 'अक्' is of the range of first two Maheshwara Sutras namely 'अण्' and 'त्रिहक्'.

13-12-2014   Dr. S. K. Kapoor, *(Ved Ratan)*

VMS & T <u>*Project*</u>

School Text Books

(Class IX, X, XI & XII)

===

VMS & T Text Book Class XI

(5-space)

Chapter – 7
Manifestation of Hyper cube 5
along hyper cube 4 format

1. Hyper cube 5 is of the features of four fold manifestation layer (3, 4, 5, 6) / 3-space (content) as dimension fold, 4-space content as boundary fold, 5-space content as domain fold, 6-space content as origin fold. This four fold manifestation layers (3, 4, 5, 6) gets extended as five fold transcendence range (3, 4, 5, 6, 7) with 7-space content as base fold (fifth fold) of origin fold (fourth fold).

2. Hyper cube 4 is of the features of four fold manifestation layers (2, 3, 4, 5) which permits extension as five fold range (2, 3, 4, 5, 6).

3. Here it would be relevant to note that the transcendence range (2, 3, 4, 5, 6), in terms of its last four folds (second, third, fourth and fifth folds is parallel to the format of four fold manifestation layers (3, 4, 5, 6) of hyper cube 5.

4. One may have a pause here and take note that the transcendence range (2, 3, 4, 5, 6) as first four folds (2, 3, 4, 5) is parallel to the manifestation layer (2, 3, 4, 5) of hyper cube .

5. While the last four folds (3, 4, 5, 6) are parallel to four fold manifestation layers (3, 4, 5, 6) of hyper cube .

6. One may further have a pause here and take note that in the light of the above features of transcendence range (2, 3, 4, 5, 6), it emerges as that manifestation of hyper cube 5 is interconnected with the extension of manifestation format of hyper cube 4 into its transcendence format, which shall be taking uptill the base (6-space) of origin (5-space).

7. Therefore chase of manifestation of hyper cube 5 along the format of hyper cube 4, as such shall be of the format and features of transcendence at the origin fold (5-space) of hyper cube 4.

8. One may have a pause here and take note that one way to reach at four fold manifestation layer of hyper cube 5 as (3, 4, 5, 6) would be to have a sequential but simultaneous transcendence at 2-space, 3-space, 4-space and 5-space.

9. The other way to look at this Phenomenon of manifestation of hyper cube 5 along the format of hyper cube 4, would be that 2-space as dimension fold of hyper cube 4 shall transit and transform into 3-space in the role of dimension of hyper cube 5.

10. One may have a pause here and take note that one value of the format of '2' is as (1, 1) which may yield the value format $(1 + 1) = 2$.

11. The other feature would be that (1, 1) shall lead to '3'.

12. Here the synthetic glue for synthesis of a pair of components would come into play as a third player along with the pair of components being other two players and thereby making a team of three players/

13. One may have a pause here and take note that the synthesis value of a pair of linear dimensions comes to be '3'.

14. One way to chase it would be that as a step 1 is to be the taken the rule of first dimension.

15. And at second step while the second dimension would come into play, it naturally would presume the existence of first dimension as well and thereby with this presumption the attainment value of this second step would be '2'.

16. With it the attainment value for both these steps would come to be (1+2=3)

17. One may further have a pause here and take note 5-space is of a solid dimensional order (3-space) plays the role of dimension of 5-space.

18. Further one may take note that, 3-space permits a split into a pair of three dimensional frames of half dimensions.

19. This feature, in the context of single dimension would be a split into a pair of half dimensions.

20. In case of a pair of dimensions, the same shall be amounting to the attainment of two dimensional frame into a pair of two dimensional frame of half dimensions.

21. It is this feature of split of a dimensional frame into a pair of dimensional frame of half dimensions, which shall playing it role for attaining of manifestation of hyper cube 5 along the format of hyper cube 4which is of spatial dimensional order.

22. One may have a pause here and take note that the spatial order of 4-space / hyper cube 4 brings into the mathematics of '2 as 1 and 1 as 2' being simultaneously available.

23. It is this availability of mathematics of '2 as 1 and 1 as 2', which is making all the wonders for the format of hyper cube 4 being of the potentialities of manifestation of hyper cube 5 along the format of hyper cube 4.

24. It would be a blissful comprehension to be appreciated as that sequentially the whole range of hyper cube would manifest along the format of hyper cube 4 and thereby and there would be a common domain boundary formulation $A^n : 2nB^{n-1}$ for hyper cube n for all values of n.

25. Such manifestation of hyper cube 5 along the format of hyper cube 4, as such shall be with transition of the affine value $1 + 1 + 1 + 1 = 4$, $1 + 2 + 3 + 4 = 10$ would be at the base of creative boundary (4-space as boundary of transcendental (5-space) domain being of ten components.

26. Further it also would be relevant to note that the solid boundary of eight components of hyper cube 4 shall be transiting into super imposition of solid order (3-space as dimension) upon transcendental (5-space) domain.

27. It is this feature which deserve to be comprehended well for his full appreciation to have full imbibing for through insight as to the manifestation of transcendental (5-space) domain within 4-space as manifestation of sky within space.

28. It would further be relevant to note that such manifestation of transcendental (5-space) domain within creator (4-space) shall be helping us decipher and reach at the internal structural set up of transcendental (5-space) domain.

29. This reach can be sequentially had by sequential approach steps in terms of five linear dimensions frame, to be followed by five spatial dimensions

frame, five solid dimensions frame, five creative dimensions frame and five transcendental (5-space) dimensional frame respectively

30. This sequential chase would be of the format and features of (1, 1, 1, 1, 1), (2, 2, 2, 2, 2), (3, 3, 3, 3, 3), (4, 4, 4, 4, 4) and (5, 5, 5, 5, 5).

31. The chase format (1, 1, 1, 1, 1), shall be providing a synthetic values range (1, 3, 6, 10, 15) the chase along the set up (2, 2, 2, 2, 2) shall be of synthetic values range (2, 4, 6, 8, 10)

32. The chase along the format (3, 3, 3, 3, 3) would be of synthetic values range (3, 5, 6, 6, 5)

33. Chase along the format would be of synthetic values range (4, 6, 6, 4, 0)

34. Finally the chase along the format (5, 5, 5, 5, 5) would be of synthetic values range (5, 7, 6, 0, -5)

35. The solid dimensional frame of the format (3, 3, 3, 3, 3) which lead to synthetic values range (3, 5, 6, 6, 5).

36. The extension of this solid dimensional frame of five dimensions into a solid dimensional frame of seven dimensions would lead to synthetic values range (3, 5, 6, 6, 5, 3, 0)

37. Here it would be relevant to note that the starting point as of no dimension would be of value '0' and thereby such range would be of values (0, 3, 5, 6, 6, 5, 3, 0).

38. The range of values (0, 3, 5, 6, 6, 5, 3, 0), deserve to be chased comprehended well for its full appreciation and complete imbibing to have through insight about this solid dimensional frame feature of the transcendental (5-space) domain.

39. It is the parabolic format and its split into a pair of reflection limbs (0, 3, 5, 6, 6, 5, 3, 0) would further help us decipher out features of transcendental (5-space) domain within its dimensional frame.

40. The synthesis range of three solid dimensions (3, 5, 6) and parallel format of domain folds (as third folds), shall be of generalized feature which in case of hyper cube 1as four fold manifestation layers (-1, 0, 1, 2) with domain fold (1), as such shall be making out a set up of a three dimensional frame of linear dimensions and the split of a three dimensional frame into a pair of three dimensional frame of half dimensions shall be making out a set up of six half dimensions.

41. This set up of six half dimensions would be laying the foundation of a dimensional frame for 6-space, which would be at the base of transcendental (5-space) origin.

42. It would be a blissful exercise to visit and revisit all these features of manifestation of hyper cube 5 along the format of hyper cube 4.

*