

Sri – Om VEDIC MATHEMATICS AWARENESS YEAR

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'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.

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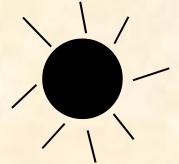
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श्री ॐ Sri-Om
VEDAS ARE WRITTEN ON RAYS OF SUN
Let us learn to read it

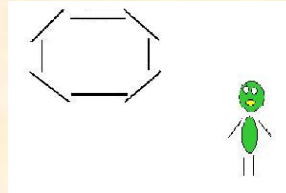
I
Shakala Rigved Samhita
FIRST RICHA

“अग्निमीले पुरोहितं यज्ञस्य देवमृत्विजम् ।
होतारं रत्नधातमम् ॥ ‘ऋ१-१-१’”

Organization foundation format
INITIATION STEPS



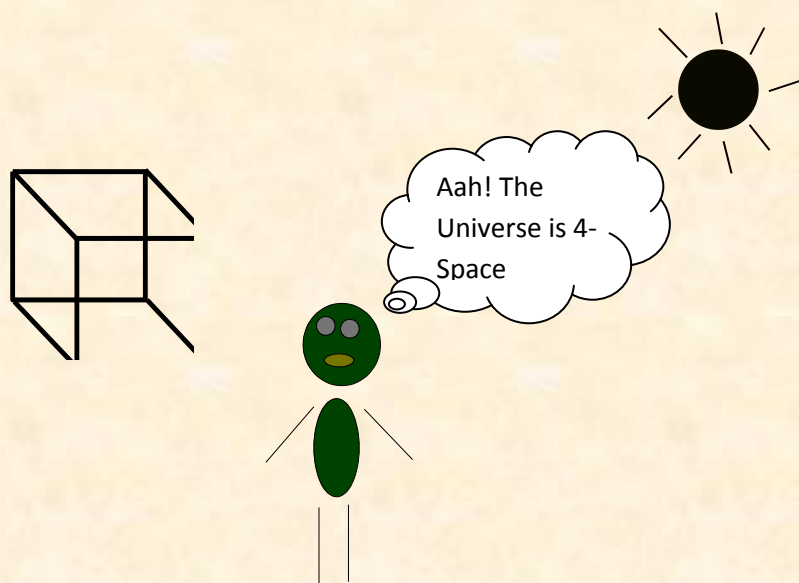
Aah! The
Universe is 5-
Space



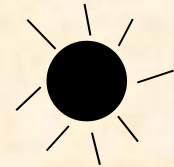
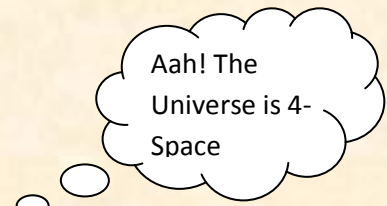
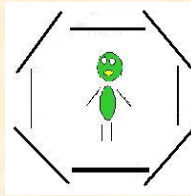
Initiation step - 1
Melt Mental State of Four fold Manifestation

1. Space matter and dimensional frame of the space matter create mental states.

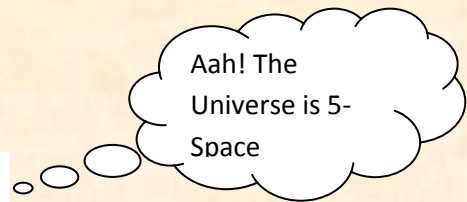
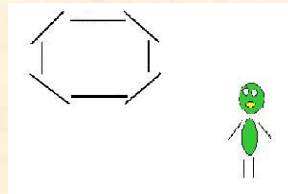
2. Physical matter of 3-space and its dimensional frame of three linear dimension create first mental state designated as waking state of Vyakata (व्यक्ता) / manifest format of hyper cube 3 of four fold manifestation layer (1, 2, 3, 4) designated and accepted as CUBE.
3. One shall melt this mental state as its comes in the way of comprehension of the consciousness of existence state ahead.
4. It is because of the physical matter that the resultant mental state makes us believe that we are living and existing in 3-space, while it is against the factual position.
5. One shall initiate oneself for melting this mental state by initiation as that point as a zero space body has a degree of freedom of motion in 1-space (i.e. along a line).
6. Further as that line as 1-space body as a degree of motion in 2-space i.e. within a surface.
7. Still ahead surfaces have a degree of freedom of motion in 3-space i.e. within solids and solids, have a degree of freedom of motion in 4-space. And that our existence in physical body as solids, because of motion makes our existence in the space around which is a 4-space.
8. One shall visit this factual position time and again by first sitting in a room (cube) and then coming out of a room and realizing about the reality of our Existence Phenomenon.



9. Once one is successful to melt mental state of physical matter conditioning of 3-space set up, one shall proceed further for melting the emerging manifestation format for the mental state of 4-space content.



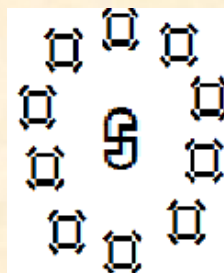
10. For it one shall have a look at the Sun (6-space) and the space between oneself and the Sun as in between transcendental (5-space) domain.



11. This is going to be the first initiation step for the mental state for the chase of organization format of Shakala Rigved Samhita.

12. TCV (ऋक्) = 5.

13. One may have a pause here and take note that transcendental (5-space) domain accepts geometric envelope of creative (4-space) boundary of ten components and same may be symbolically expressed as under:-



14. One may further have a pause here and take note that ten creative components of transcendental (5-space) domain are of the format of hyper cube 4 parallel to the format of Idol of Lord Brahma, four head Lord, Creator the Supreme.

15. One may further have a pause here and recapitulate that Lord Brahma, creator the Supreme is the four head lord with a pair of eyes equipped in each head and Lord Brahma sits gracefully on the lotus seat of eight

petals and meditates within cavity of his own heart (a seat of transcendental (5-space) lord) and meditates upon the transcendental (5-space) lord Shiv, the five head lord with three eyes equipped in each head, and with the grace of transcendental (5-space) lord Shiv, Lord Brahma multiplies ten fold as ten Brahmas.

16. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to be face to face with transcendental (5-space) Phenomenon resulting into melting of the mental states of 4-space and attainment of transcendental (5-space) state
17. With attainment of this mental state, one shall be face to face with the first organization feature of Shakala Rigved Samhita that the same is organized as organization string of ten mandals.
18. With this initiation step, when one shall be sitting in the open, it would be as riding the moving Earth and one would be on the pilgrimage set for moving along with earth completing one round of around the Sun.
19. It is this dynamic state which shall be of the features of enveloping self referral (6-space) domain / Sun with transcendental (5-space) boundary of 12 components.

To be continued...

Basic features of Vedic Mathematical Systems

I

एकग्र *Ekagarh*
(one ahead)

Introductory

1. It is natural curiosity and urge of everybody to know and understand as to the source placement of Ganita Sutras (and Upsutras text).
2. The scholars fulfilled with an intensity of this curiosity and urge, shall pose to themselves as to the 'source placement of 'Maheshwara Sutras'.
3. Further the poser should be about the source location of 'Saraswati Mantras'.
4. And like that would follow many such posers.
5. Maheshwara Sutras are the life line of Vedic and Sanskrit Grammar. Maheshwara Sutras values are marking their presence throughout the Panini Ashtadhey text in particular. However, Maheshwara Sutras, as such are not part of the text of Panini Ashtadhey Sutras. To reach from the values of

Maheshwara Sutras being availed in Panini Ashtadhey text is of such a degree of challenge, which perhaps, any one of us may not like to accept.

6. Likewise to reach at Saraswati Mantras from the text of Vedic Samhitas is a challenge which withers away because of Upnishads.
7. As such, one way to reach at source location of Ganita Sutras and to accept them as part of Vedas, would be that the values spread and being vibrantly echoing in Sanskrit words formulations to be chased.
8. This chase can be Sutrawise.
9. Starting with sutra 1, let us be face to face with the word एकाग्र *Ekagarh* (one ahead).

एकाग्र *Ekagarh*

10. The word formulation एकाग्र *Ekagarh* permits chase as its pair of sub formulations, namely (i) एक (Eka) (ii) अग्र (agarh).
11. Simple rendering for meaning (s) of this formulation comes to be:
 - (i) एक means one and (ii) अग्र means ahead, and this way the simple English rendering for the word formulation 'एकाग्र' would come to be one ahead.
12. This value of word formulation 'एकाग्र' *Ekagarh* as 'one ahead', is the value of Ganita Sutra 1 'एकाधिकेन पूर्वेण'.
13. In fact this value, is parallel to the value of the first word formulation (एकाधिकेन) of Ganita Sutra 1.
14. TCV (एकाग्र) = 14, which is parallel to the summation value of quadruple artifices (2, 3, 4, 5), which is parallel to the summation value of four fold manifestation layer (2, 3, 4, 5) of hyper cube 4.
15. One may have a pause here and take note that the four fold manifestation layer (2, 3, 4, 5) of hyper cube 4 is of spatial dimensional order.
16. This as such is a step ahead of the four fold linear order manifestation layer (1, 2, 3, 4).
17. One may have a pause here and take note that NVF (straight) = NVF (two space).
18. One may further have a pause here and take note that line is a track of a moving point and line is a format of setting of static points.
19. Further surface is a track of a moving line, which that way is of the value of all the static points of line are simultaneously transiting into dynamic state.
20. One may further have a pause here and take note that all these features as integrated values will be helping us unfold further pure and applied values of the organization format and working rule of Ganita Sutra 1, individually as well as together with other Sutras and Upsutras.

Blissful exercise

21. It would be a blissful exercise to take up different words formulation, which are plenty in number, in terms of which the values of Ganita Sutra 1 can be further which are being exhaustively availed by Sanskrit and Vedic words formulations.

Note :-

- I. It would be a blissful exercise to have a reach from solids to liquids as per the working rule of Ganita Sutra 1.
- II. The pair of word formulations एकाग्र and एकार्णव with TCV values pair (14, 30) / TCV (एकाग्र) = 14 and TCV (एकार्णव) = 30 be chased as per the working rule of Ganita Sutra 1.
- III. Here It would be relevant to note that $14 = 2 + 3 + 4 + 5$ which is parallel to four fold manifestation layer (2, 3, 4, 5) of hyper cube 4, while $30 = 6 + 7 + 8 + 9$ which is parallel to four fold manifestation layer (6, 7, 8, 9) of hyper cube 8.
- IV. One may have a pause here and take note that artifices pair (4, 8) is parallel to the domain boundary formulation $A^4:8B^3$ of domain boundary ratio of hyper cube 4.
- V. Still further it also would be relevant to note that $30 = 14 + 16$ and artifices pair (14, 16) is parallel to dimension fold, domain fold format of manifestation layers.
- VI. Still further it also would be relevant to note that artifices pair (14, 16) permits re-organization as (2 x 7, 2 x 8) parallel to boundary components of hyper cube 7 and hyper cube 8 itself.
- VII. Still further it also would be relevant to note that value of artifice 30 is parallel to the set up of 8 corner points, 12 edges, 6 surfaces, 3 dimensions and 1 volume of cube / hyper cube 3.
- VIII. Still further it also would be relevant to note that artifice 30 is also parallel to the set up of 8 corner points, 12 edges, 6 surfaces, 3 dimensions and 1 origin of cube / hyper cube 3.
- IX. This shift from volume (domain) to origin of 3-space / three dimensional frame is parallel to the working rule of Ganita Sutra 1: 'one more than before' / a shift from domain fold to the origin fold.
- X. One may have a pause here and take note that the working rule of Ganita Sutra 1 is of very wide range 'pure and applied values applications'.