

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.

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

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श्री ॐ Sri-Om

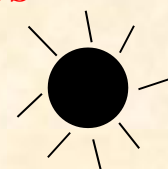
VEDAS ARE WRITTEN ON RAYS OF SUN
Let us learn to read it

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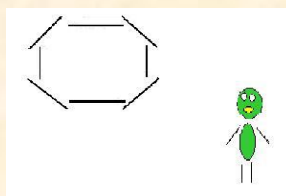
Shakala Rigved Samhita
FIRST RICHA

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

Organization foundation format
INITIATION STEPS



Aah! The
Universe is 5-
Space



Initiation step - 1

1. Melt Mental State of Four fold Manifestation
2. Coordination Of Center Of Earth With Center Of Sun
3. Sathapatya Upved

INITIATION STEP – 4

Trishapta (त्रिषप्तः)

1. Atharavved, in its very first mantra focuses upon the conceptual feature 'त्रिषप्तः' / *Trishapata* (3, 7).
2. Word formulation ('त्रिषप्तः' / *Trishapata*) is a composition of a pair of word formulations (i) त्रि (ii) षप्तः parallel artifices pair is (3, 7).
3. Artifices values pair (3, 7) is parallel to the format feature of 3-space accepting 7 geometries range, it further is parallel to the format features of cube accepting 7 versions.
4. Further artifices pair (3, 7) is also parallel to 3 as first odd prime and 7 as the last odd prime of the range of 9 numerals (1, 2, 3, 4, 5, 6, 7, 8, 9).
5. Still further the artifices pair (3, 7) is have a gap of triple artifices values range (4, 5, 6).
6. Still further the summation value of artifices pair (3, 7) comes to be $3 + 7 = 10$ while the summation value of gap artifices triple (4, 5, 6) comes to be $4 + 5 + 6 = 15$ and $10 = 2 \times 5$ and $15 = 3 \times 5$, as such makes artifices values pair (10, 15) parallel to the format and features of (ten boundary components, 15 dimensional axes value (of transcendental (5-space) domain / hyper cube 5).
7. One may have a pause here and take note that cube is of format and features of hyper cube 3.
8. Further as that 3-space plays the role of dimension of 5-space.
9. Still further as that 7-space accept $2 \times 7 + 1 = 15$ geometries range / 15 versions of hyper cube 7.
10. One shall have a pause here and permit the transcending mind to glimpse these features to have insight about the pure and applied values of conceptual formulation 'Trishapta'.
11. Still further one shall glimpse the format and features of four fold manifestation layer (4, 5, 6, 7) as a triple (4, 5, 6) and wholesome single origin fold (7).
12. One may have a pause here and take note that the artifices triple (4, 5, 6) is parallel to triple folds (4-space as dimension fold, 5-space as boundary fold and 6-space as domain fold).

13. Still further it would be relevant to note that triple spaces (4, 5, 6) are presided by Lord Brahma, Lord Shiv, Lord Vishnu and they together are designated as Trimurti.
14. One may further have a pause here and take note that parallel vowels triple is (fourth, fifth, sixth) vowels
15. One may further have a pause here and have a fresh glimpse of the script form of these triple vowels (4th, 5th, 6th) vowels which comes too be as: (ऋ, लृ, ए).
16. One may further have a pause here and take note that the script form feature of these three letters (vowels) of Devnagri alphabet preserve many features of artifices triple (4, 5, 6) / (spaces triple (4-space, 5-space, 6-space) / hyper cubes triple (hyper cube 4, hyper cube 5, hyper cube 6).
17. To bring this in pointed focus, the script forms and formats of these triple letters is being reproduced hereunder in a magnified form.

Fourth Vowel	Fifth Vowel	Sixth Vowel
A		
ऋ	लृ	ए

18. Fourth vowel script form is of the format and features of a take off from surface of Earth in 4-space.
19. Fifth vowel script format is of the format and features of being through Sky (5-space) and sixth vowel script format is of the format and features of a reach in 6-space domain.
20. Parallel artifices triple (4, 5, 6) with artifice 5 being of a middle placement and of format and features of a prime will help comprehend the format and features of the Sky line placement at middle of the coordination line of center of Earth with center of Sun.
21. Script forms & frames and format & features of these triples vowels together with the format and features of domain folds of hyper cubes (4, 5 and 6) and further the values and virtues of 4, 5 and 6 dimensional spaces, as domain folds and as space content lumps deserve to be comprehended together to have insight of our solar universe Existence Phenomenon.

To be continued...

Basic features of Vedic Mathematical Systems

- I. एकग्र *Ekagarh (one ahead)*
- II. *Bridging of Gaps*
- III. *Mathematical entity values of text of Ganita Sutras and Upsutras*

IV *Conceptual format : Square*

1. Ganita Sutras and Upsutras text as a specific conceptual format term 'वर्ग varg' / square.
2. In addition, text has specific conceptual terms like 'पूर्व' Purva / East, Udharav (उर्ध्व) / upward, Adh (अध) / downward, Tiryak (त्रिर्यक) / diagonal wise, Pravartya (परावर्त्य) / transpose.
3. These conceptual formats of surface (square) and directions are the basic constituents being availed as mathematical (to be specific geometrical) tools.
4. The construction of different geometrical formats in terms of above geometrical tools, is the basic feature of mathematical systems of Ganita Sutras and Upsutras which deserve to be comprehended well and to be thoroughly appreciated for their complete imbibing and full insight to chase the range of pure and applied values of Ganita Sutras systems, in this direction, the chase, sequentially can be in the sequential order of the working rules, as well as of values of Ganita Sutra in the sequence and order of Ganita Sutra 1 to Ganita Sutra 16 and of Ganita Upsutra 1 to Ganita Upsutra 13.
5. The parallel sequential orders of Ganita Sutra 1 to Ganita Sutra 16 and of Ganita Upsutra 1 to Ganita Upsutra 13 also would integrate this pair of parallel sequential strings of Ganita Sutras and Ganita Upsutras being fulfilling the sequential gaps of parallel flow lines of the format of these parallel strings as Ganita Upsutra 1 finding placement in between Ganita Sutra 1 and Ganita Sutra 2. Further Ganita Upsutra 2 finding placement in between Ganita Sutra 2 and Ganita Sutra 3 and so on.
6. One may have a pause here and take note that the such integrated placements may be as per the parallel organization formats for the Ganita Sutras 1 to 16 on the one hand and of Ganita Upsutras on the other hand.
7. One such organization would be for Sutras as $5 + 6 + 6 = 16$ format and of $4 + 5 + 4 = 13$ of Ganita Upsutras
8. The sequential chase starting with a working rule of Ganita Sutra 1 shall be leading to the ordering rule of 'one more than before' which shall be of the features of a linear sequential progression of ascending order.

9. Starting with points which would lead to a setting along a line, a step ahead would be reach for setting of lines in a surface.
10. One may have a pause here and take note that the such a reach would be of the format for directions and square (surface)
11. One may further have a pause here and have a poser as to whether such a reach would help have a further breakthrough for a reach from surface to solids and hyper solids as well.
12. The specific poser would be whether the geometric constituents being availed by the text of Ganita Sutras and Upsutras will help have a reach from surface to solids and hyper solids and also hyper cubes formats for the manifested geometric bodies and whether transcendence from manifested formats as would be attainable by the systems of Ganita Sutras and Upsutras.
13. One may further have a pause here and permit the transcending mind to be through the text of Ganita Sutras` (upsutras) and to glimpse its values and virtues to be comprehend format and features of artifices of numbers availing the format and features of dimensional spaces and on the other hand format and features of dimensional spaces availing the format and features of artifices of numbers.
14. Still further one shall continuously remain prolonged sitting of trans and to glimpse the transcendental (5-space) Phenomenon of Divya Ganga flow through the artifices of numbers parallel to the flow Phenomenon for the domains as transcendence Phenomenon within dimensional frames
15. Still further it would be a very blissful exercise to reach at the transcendental (5-space) code values or each and every word formulation of the text of Ganita Sutras and to be face to face with the unification of the artifices of numbers and dimensional frame
16. One shall compile transcendental (5-space) code values dictionary, for which the beginning may be as under
 TCV (अंक) = 8
 Here it would be relevant to note that number 8 as such is not part of the text of Ganita Sutras and Upsutras.
 TCV (एक) = 8
 Here it would be relevant to note that 6-space in the role of dimension leads to 8-space as domain fold.
 TCV (वर्ग) = 14
 Here it would be relevant to note that TCV (अंत) =14
17. Still further it also would be relevant to note that artifice 14 permit re-organization as $14 = 2 + 3 + 4 + 5$ which is parallel to four fold manifestation layer (2, 3, 4, 5) of hyper cube 4
18. Still further it also would be relevant to note that hyper cube 4 is of format and features parallel to the format of Idol of Lord Brahma, four head lord, creator the Supreme
19. Hyper cube 4 as such is the representative regular body of 4-space
20. 4-space is a spatial order space
21. Spatial order means 2-space plays the role of dimension of 4-space
22. 2-space accepts hyper cube 2 / square as its representative regular body

23. Still further as that artifices values triple (6, 4, 2) is the transcendence values triple as much as that parallel to spaces triple (6-space, 4-space, 2-space) is of the format and features of 6-space as domain fold, 4-space as dimension fold and 2-space as dimension of dimension fold.
24. It would be a blissful exercise that one shall sit comfortably and permit the transcending mind to glimpse the focus of conceptual term 'वर्ग' varga / square by the text of Ganita Sutras and Upsutras.
25. One shall express oneself fully by writing a comprehensive note of one's own evaluation of one's comprehension of the values and virtues of the conceptual term 'वर्ग' varga / square being focused by the text of Ganita Sutras and Ganita Upsutras.

* **12-02-2015**

Dr. S. K. Kapoor, *(Ved Ratan)*