

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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श्री ॐ Sri-Om

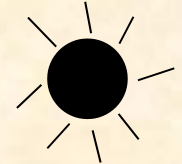
VEDAS ARE WRITTEN ON RAYS OF SUN
Let us learn to read it

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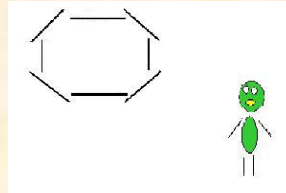
Shakala Rigved Samhita
FIRST RICHA

“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
4. Trishapta (त्रिष्टः)
5. पुरुषः / Pursha (Human frame) and सूर्यः / Surya (Sun)
6. Sun to Earth and back from Earth to Sun

INITIATION STEP – 7

अष्ट-प्रकृति Asht Parkrati (Eight Fold Nature)

1. Number 8, artifice 8, 8-space, natural dimensional order (8-space in the role of dimension), digit 8 of ten place value system, double digit numbers with digit 8 at zero place of ten place value system and like there is very wide range of features of value 8.
2. Vedic Systems avail value 8 as अष्ट-प्रकृति Asht Parkrati (Eight Fold Nature).
3. TCV (अष्ट) = $1 + 6 + 3 + 1 = 3 + 8$.
4. TCV (प्रकृति) = $5 + 1 + 1 + 1 + 4 + 2 + 4 = 18 = 3 + 4 + 5 + 6$
5. TCV (अष्टः) = $11 + 13 = 24 + 4 + 6$
6. TCV (प्रकृतिः) = $18 + 13 = 31$ parallel to 31 components of the set up of cube (8 corner points, 12 edges, 6 surfaces, 1 volume, 3 dimensions, 1 origin).
7. TCV (अष्ट-प्रकृति) = $11 + 18 = 29 = 16 + 13$
8. TCV (अष्ट-प्रकृतिः) = $29 + 13 = 42 = 9 + 10 + 11 + 12$.
9. Value 8 goes parallel to
 - (i) 8 directional (four directions and four sub directions) frame for surfaces
 - (ii) 8 corner points of cube accepting embedding of three dimensional frames of half dimensions.
 - (iii) 8 components of solid boundary of creator (4-space).
 - (iv) Super imposition of solid (3-space) order upon transcendental (5-space) domain
 - (v) 6-space playing the role of dimension of 8 space.
 - (vi) 7-space playing the role of boundary of 8-space
 - (vii) 9-space playing the role of origin of 8-space
 - (viii) 8-space playing the role of natural dimensional order of Par Braham (10-space)
 - (ix) Reach of natural dimensional order (8-space in the role of dimension) to 11-space in the role of origin fold
10. Further as that $(1^3, 2^3)$ is a consecutive pair of artifices of third power.
11. Double digit numbers range with eight at unit place of ten place value system comes to be the values range (08, 18, 28, 38, 48, 58, 68, 78, 88, 98, 108, ----).
12. The above values range for nine and 11 place values systems deserve to be chased.

13. Double digit numbers of 8 place value system get organized along 7 x 9 matrix / grid format.
14. Three space permits split into 8 octants under a three dimensional frame.
15. Cube accepts a split into 8 sub cubes.
16. Synthesis of 8 sub cubes as a cube deserve to be chased as 8 fold solid boundary of creator's space (4-space) with a seat at center of the cube.
17. The synthetic set up of 8 sub cubes led to a set up of 125 structural components.
18. One may have a pause here and take note that 125 structural components contribution can be chased as:
- (i) 27 components contribution by first sub cube
 - (ii) 18 components contribution by second sub cube
- This leads to $27 + 18 = 45$ components contribution by a pair of sub cubes of placement as first sub cube and second sub cube together as a first array of sub cubes.
- Adjoining the first array of above pair of sub cubes is the second array of third and fourth sub cubes having contribution:
- (iii) 18 components contribution by third sub cube
 - (iv) 12 components contribution by fourth sub cube
- With it, total contribution by sub cubes three and four comes to be $18 + 12 = 30$. With it the total contribution by both arrays of sub cubes (1, 2, 3, 4) comes to be:
 $45 + 30 = 75$
- With it the first storey of pair of arrays of sub cubes (1, 2, 3 & 4) stands completed with their grand contribution of 75 structural components.
- The second storey of 8 sub cubes as well consist of a paired pairs of sub cubes (5, 6, 7, 8).
- The contribution of structural components by first array of sub cubes 5 and 6 comes to be $18 + 12 = 30$,
- (v) 18 components contribution by sub cube 5 and
 - (vi) 12 structural components contribution by sub cube 6
- The structural components contribution by second array of second storey consisting of sub cubes 7 and 8 comes to be $12 + 8 = 20$, with
- (vii) 12 components contribution by sub cube 7, and
 - (viii) 8 components contribution by sub cube 8
- With it the total contribution of the structural components by arrays of sub cubes 5, 6, 7, 8 of second storey of sub cubes comes to be $30 + 20 = 50$.
- With it the grand total contribution of both storey's of all the 8 sub cubes comes to be $75 + 50 = 125$.

One may have a pause here and take note that $8 = 2^3$ sub cubes providing a set up of structural components $125 = 5^3$

19. Here it would be relevant to note that this structural feature leads to a pair of artifices $(2^3, 5^3)$
20. Further here it also would be relevant to note that artifices pair $(2, 5)$ is parallel to 2-space as dimension fold and 5-space as origin fold of hyper cube 4 being the four fold manifestation layer $(2, 3, 4, 5)$.
21. Still further as that artifices pair $(2, 5)$ is also parallel to the structural set up of 2-space accepting 5 geometries range and parallel to it square (hyper cube 2) accepting 5 versions
22. One may further have a pause here and take note that the relationship $(2^3, 5^3)$ shall be, a step ahead would be leading us to the relationship $(3^3, 7^3)$.
23. It would be blissful exercise to reach at synthetic set up of 27 cubes contributing 343 structural components parallel to the relationship of artifices pair $(3, 7)$, as much as that 3-space accepts 7 geometries range and parallel to it hyper cube 3 (cube) accepts 7 versions.
24. In general the relationship $[n^3, (2n+1)^3]$ would deserve to be chased for all values of n and as that $n = 2$ and $n = 3$ being the above particular cases of this general relationship.
25. Still further the relationship $2^3 = 2^2 + 2^2$ shall be helping us chase cube as double faced surfaces.
26. It is this feature which deserve to be fully comprehended for its proper appreciation to have its thorough imbibing to attain complete insight of this structural Phenomenon so that one may have exhaustive vision of value '8' and parallel to it of Asht Ptakrat.
27. The puranic chase of 18 steps long range of Purans (braham puran) to Brahmand Puran, will bring us face to face with the Vedic Systems reach as is being reached at as Sri Lalita Devi – Bhandasur narration. श्री ललिता देवी - भण्डासुर ।
28. TCV (श्री ललिता देवी) = $7 + 19 + 23 = 49 = 7 \times 7 = \text{NCV (मरुतगण)} = \text{NVF (axes)}$.
29. TVT(भण्डासुर) = $8 + 14 + 11 = 33$
30. It would be blissful to chase above triple pairs
 - (i) 7, 19, 23
 - (ii) 8, 14, 11

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*
- V. *Numbers 1 to 16*
- VI. *Conceptual formats: गण / Gana*

VII TCV (अंक)

1. Value '8' is of special focus of Ganita Sutras systems.
2. Simple English rendering for word formulation 'अंक' / ank comes to be 'number / numeral'.
3. NVF (number) = 73 = NVF (Format) and NVF (Numeral) = 85 = NVF (Creation).
4. And, there is 13 steps long range of artifices (73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85).
5. Text of Ganita Sutras specifically avails word formulation of values (0, 1, 2, 7, 9, 10).
6. Of the 11 values range (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10), the sub range of values being not availed as such comes to be (3, 4, 5, 6, 8).
7. Here it would be relevant to note that quadruple artifices (3, 4, 5, 6) is parallel to four fold manifestation layer (3, 4, 5, 6) of hyper cube 5 of solid dimensional order.
8. The $(3+4+5+6) = 18$.
9. One may have a pause here and take note that artifices pair (0, 8, 1, 8) of sequential artifices values with 8 as unit place value.
10. The summation value $(3+4+5+6) = 26$.
11. The summation value $(0+1+2+3+4+5+6+7+8+9+10) = 55 = 26+32$.
12. Artifices values pair (26, 29) has coordination along 4 four fold manifestation layer (26, 27, 28, 29).
13. Summation value $26+27+28+29 = 110 = NVF (Sunlight) = NVF (Meditation)$.
14. Artifices quadruple (26, 27, 28, 29) is parallel to four fold manifestation layer (26, 27, 28, 29) of hyper cube 28.

- 15.TCV (Braham) = 28, which is parallel to second perfect number value.
- 16.NVF (God) = 26, which is parallel to four fold manifestation layer (5, 6, 7, 8) of hyper cube 7.
- 17.It would be blissful exercise to reach at the format and features of the set up of quadruple artifices (26, 27, 28, 29) with NVF (God) = 26
- 18.NVF (Half) = 27
- 19.NVF (Air) = 28
- 20.NVF (Black) = 29
- 21.It would be blissful to see the inter relationship of NVF values of word formulations of 26 letters English alphabet and TCV values of 52 letters Devnagri alphabet of transcendental (5-space) source reservoir of sole syllable Om (ॐ), 9 vowels, 33 consonants, 8 yama letters and the end reach value of Parnava synonym of the startwith transcendental (5-space) source reservoir of sole syllable Om (ॐ).
- 22.Those who have an urge to reach at as to the relationship of such a nature we have to pose to themselves as to how one can have a reach of the relationship of manifest with the unmanifest in terms of the relationship of un-manifest with the manifest. More near physical illustration could be in the form of a poser as to how one can physically distinguish magnet from the iron and electricity creation by the iron.
- 23.One shall also have a reach from a static state to a dynamic state and therefrom to an accelerated non static format states for the dynamic state.
- 24.Vedic Systems chase self referral (6-space) consciousness state where transcendental (5-space) states are in continuous dialogue with the self referral (6-space) transcendental (5-space) states.
- 25.Those who have intensified urge to glimpse self unfolding features of Vedic Systems they may chase the way 'Asht Prakrati' and value 8 unfold parallelly.
- 26.The initiation step 7 of Vedic Systems taken up in this vary e-newspaper issue, may be read as part of the present basic step 7 of Ganita Sutras mathematical systems.

* **15-02-2015**

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