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 67

Vedic mathematics, Science & Technology
UNIVERSITY CONCEPT
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I
OPENING STATEMENT
[(Source Theme)   **To chase parallel to jyoti flow within rays of the Sun**]
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II
EMERGENCE AND DISSOLUTION OF TRILOKI (3, 4, 5, 6)
(Source Theme)   **Triloki is of transcendental (5-space) state within Jyoti**
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III
Existence within Human Frame
(Source Theme)   **Pursha, Sun, Atman, Vishnu are of parallel formats**
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IV
Sankhiya Nishtha and Yoga Nishtha
(Source Theme)   **Parallel are the formats of artifices of numbers and Dimensional frames**
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V
Interlinking of classical alphabets with Sanskrit alphabet
(Source Theme)   **Sunlight base of Devnagri alphabet**
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VI   Divine Song: Srimad Bhagwad Geeta
(Source Theme)   **Essence is 'Essence of Essence'**

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VII   Challenge of re-construction of all the branches of Vedas
(Source Theme)   **Sakala Rigved Samhita is the source scripture**

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VIII   Riks (रिक्), Yajurs (यर्जु), Samas (साम) and Atharavs (अर्थव)
(Source Theme)   **One unfolds many folds**

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1. Riks (रिक्), Yajurs (यर्जु), Samas (साम) and Atharavs (अर्थव) are four fold formats and formulations.

2. These four fold formulations 'Riks (रिक्), Yajurs (यर्जु), Samas (साम) and Atharavs (अर्थव)' are of pure as well as of applied values formats.

3. Transcendental (5-space) code values of these four basic formulations come to be (i) TCV (रिक्)= 5 (ii) TCV (यर्जु)= 11 (iii) TCV (साम) = 15 and TCV (अर्थव) = 17.

4. These quadruple artifices (5, 11, 15, 17) lead to their parallel values formats, namely

    (i)   transcendental (5-space) domain parallel to artifice 5

    (ii)   11 versions of transcendental (5-space) domain / 11 geometries range of 5-space

    (iii) Solid dimensional order of transcendental (5-space) domain with linear equivalence value $1 \times 3 \times 5 = 15$.

    (iv)   There are 17 samas manifesting as value of northern hemisphere. Here it also would be relevant to note that artifices pair (15, 17) is parallel to dimension fold and domain fold values pair (n, n + 2) which as such shall be extending the role of solid dimensional order of 5-space into the dimensional order of unity state (7-space) as domain fold of transcendental (5-space) dimensional order (5-space in the role of dimension).

5. Rik, Yajur, Sam and Atharav are four sequential folds which together format manifestation within creator's space (4-space) of transcendental (5-space) origin for sustenance of Triloki by Trimurti.

6. Triloki is sustained by Trimurti. The source theme is that the alphabet formulations permit chase in terms of transcendental (5-space) code values.

7. TCV (त्रिलोकीः) = 37 and TCV (त्रिमूर्तिः) = 45.

8. The artifices range (37, 38, 39, 40, 41, 42, 43, 44, 45) is of summation value 379.

9. The chase of cube as a pair of prisms, shall be bringing us face to face with the set up of prisms (set up of half cube) being of features (i) set up of five surfaces (ii) 9 edges (iii) 6 corner points and (iv) 1 volumme.

10. The chase of this structural set up, as of the following steps, would be further bringing us face to face with the format and features, as well as values and virtues of this set up, as a flow bed. Total nine components


Vertical back plate
Four corner points
Four edges
One area
Total nine components
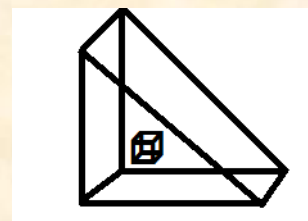
(i) Vertical back plate, a set up of 9 components namely (4 corner points, 4 edges and 1 area) / surface.

base plate
3 edges
2 corner points
1 area
total 6 components
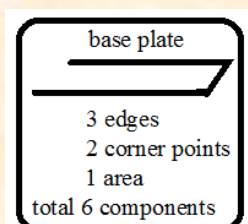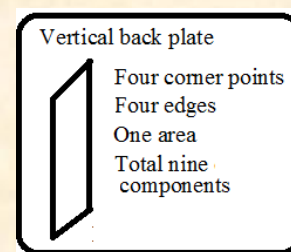
(ii) The base plate of 6 components being (3 edges, 2 corner points and 1 area).

Flow bed
2 edges
1 area
total 3 components

(iii) Flow bed, a set up of 3 components namely (2 edges and the flow be plate / area).

1 area
1 area
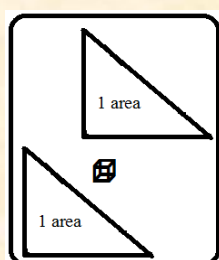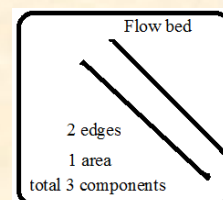
(iv) Pair of side surfaces and volumme in between, is going to be a set up of three components being sustained, in the set up.

11. The above quadruple artifices (9, 6, 3, 3), would lead to the organization of artifice values (3, 3, 6, 9) which further shall be leading to (3) and (3, 6, 9).

12. This would further lead to (3) and (369).

13. One may have a pause here and take note that this is parallel to the format of Triloki (3) and Trimurti sustaining Triloki as 9 steps long

range (37, 38, 39, 40, 41, 42, 43, 44, 45) being of summation value 369.

14. These features and organizations deserve to be chased with all their details, features and characteristics, as projects to be undertaken by the research scholars under the patronage of VMS & T University.

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**26-12-2014**   Dr. S. K. Kapoor, *(Ved Ratan)*

VMS & T Project
School Text Books
(Class IX, X, XI & XII)
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*VMS & T Text Book Class IX*
(3-space)

Lesson – 03
7 versions of cube (⬚)

1. 'Cube (⬚) 3-space has spatial (2-space) boundary'.
2. This statement means that 2-space content manifests and plays the role of boundary of 3-space bodies / solids / cube / sphere.
3. As point sand lines are of 0-area as such the geometric envelope of cube (⬚) is of 'spatial' feature.
4. This, that way makes us a accept the boundary of cube (⬚) being of 6 parts / 6 surface plates.
5. This is parallel to formulations $A^n : 2n\ B^{n-1}$; n=3, that is $A^3 : 6B^2$
6. Here it would be relevant to note that, in respect of 'interval'.
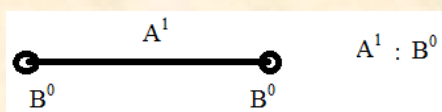
The formulations is the case value n = 1 for $A^n : 2nB^{n-1}$

7. Further in case of 'square' the formulation $A^n : 2nB^{n-1}$, n=2, leads to $A^2 : 4B^1$
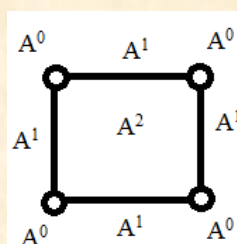
8. The enveloped state of 'cube' within 'six surface plates', leads to seven versions of 'cube'; a range of cubes with (6, 5, 4, 3, 2, 1, 0) surface plates respectively.
9. This range of seven versions of cube may permit symbolize expression as :

Sn.	Versions	Number of plates
1	First	6 plates
2	Second	5 plates
3	Third	4 plates

| 4	Fourth	3 plates
5	Fifth	2 plates
6	Sixth	1 plates
7	Seventh	No plate

10. One way to designate these versions would be to 'accept' the presence of surface plates being their signatures as a marks of their presence.

11. In this light, the range of seven versions of cube, may be accepted as the versions of 6 signatures, 5 signatures, 4 signatures, 3 signatures, 2 signatures, 1 signature and 0 signatures (no signature).

12. In short, this range of seven versions of cube may be expressed/ represented and accepted as: 6S, 5S, 4S, 3S, 2S, 1S & 0S.

13. Another way to have this range being of organization features for set up of seven artifices range i.e (1, 2, 3, 4, 5, 6, 7)_ permitting re-organization as:

| 0	1	2	3	4	5	6
1	2	3	4	5	6	7
-3	-2	-1	0	1	2	3

14. This organization for 7 versions of cube, may be taken as a set up fo

(-3) signatures, (-2) Signature,

(-1) signature, (0) signature,

(1) signature (2) signature

(3) signature version of cube

15. Here it may be taken by way of definition that 3-space accepts 7 geometrics and 7 versions of cube are 7 geometric bodies of the 7 geometries of 3-space.

16. Also it may, as will be taken by way definition that the range of 7 geometries of 3-space are 7 geometries of (-3, -2, -1, 0, 1, 2, 3) signatures.

17. These, accordingly may be represented as

Sn.	Geometry	Signature
1	-3 G3	(-3) Signature
2	-2 G3	(-2) Signature
3	-1 G3	(-1) Signature
4	0 G3	(0) Signature
5	1 G3	(1) Signature
6	2 G3	(2) Signature
7	3 G3	(3) Signature

18. Symbolically 7 versions of cube as bodies of 7 geometries of 3-space may be depicted as under:
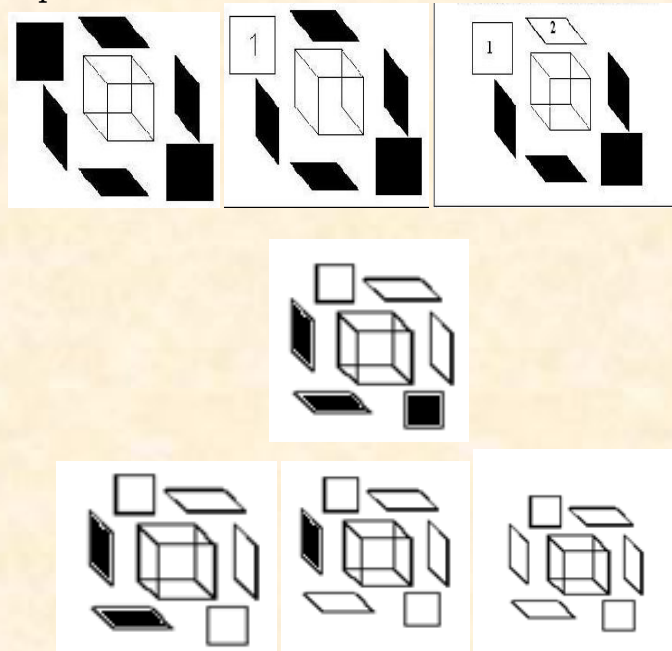

19. The division of spatial boundary consisting of 6 components (surface plates) permits re-organization as a set of pair of triple surface plates.
20. With it, the first set of triple plates and second set of triple plates, leads to organization feature in terms of which 0 signature geometry / version with 0 number of plates, comes at middle placement of the range of geometries.
21. With it, sequential addition of 1, 2 and 3 surface plates to 0 signature geometry shall be leading to geometries of signature 1, 2 and 3 respectively.
22. Likewise, the peeling of single, double and triple surface plates from the cube, shall be leading to (-3, -2 and -1) signature geometries / versions of cube.
23. These features together shall be bringing cube with 3 surface plates at the center of the organization.
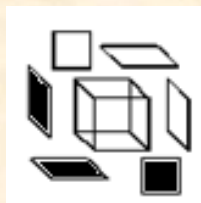
24. It shall be of middle placement of the range.
25. One may have a pause here and take note that this is a unique set up which can be looked at having three surface plates and also at the same time it can be looked at as there being an absence of three surface plates.
26. It is this dual status of this version of cube / and geometry, which deserves to be comprehended well and to be appreciated fully for complete imbibing of its features to attain through insight about the organization of 7 geometries range of 3-space (-3, -2, -1, 0, 1, 2, 3), as per which the above version of cube with surface plates intact and three surface plates being

absent, having middle placement and also accepting designation of zero signature geometry (body).

27. Accordingly the range of 7 geometries of 3-space and parallel to it the range of 7 versions of hyper cube 3 shall be of following sequential arrangement for their placements.

-3 signature   -2 signature   -1 signature

0 signature

+1 signature   +2 signature   +3 signature

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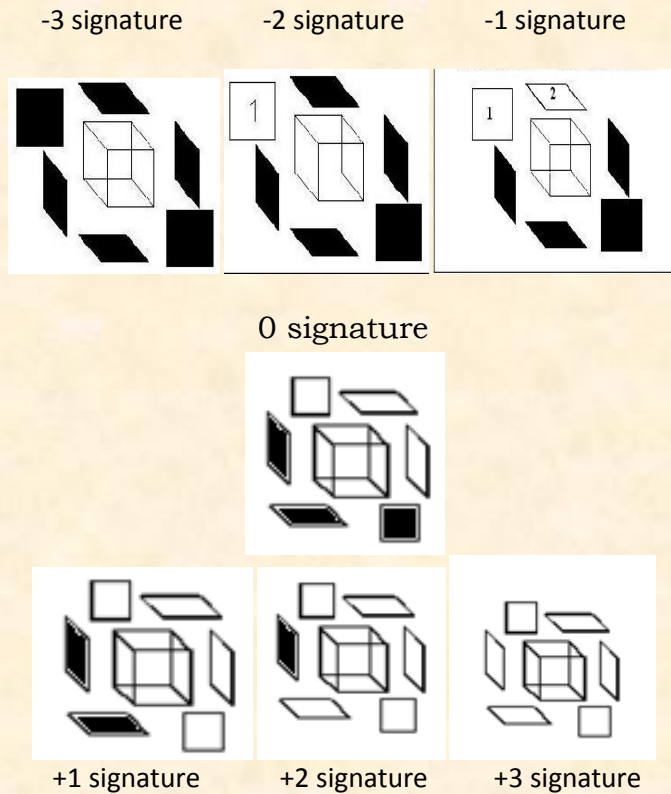
26-12-2014   Dr. S. K. Kapoor, *(Ved Ratan)*

News, Views and Information

भास्कराचार्य 900 वी जयन्ती वर्ष

On the spot painting show

Sh. Rakesh Bhatia
Sh. Bhim Sein Khanna
Sh. Deepak Girdhar
        - Organizers