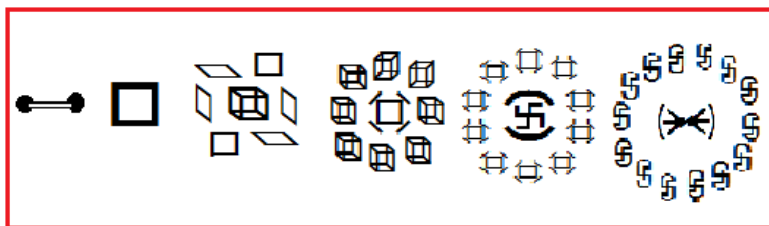


VEDIC MATHEMATICS

&

MODERN MATHEMATICS

SATHAPATYA MEASURING ROD



(HYPER CUBES 1 TO 6)

Seventh Week : Day 4

Transcendence through origin

1. Let us revisit the set up of cube.
2. It as, it is, makes center of cube, like any other point of the volume of the cube.
3. However, center of the cube is uniquely different from all other points of the volume of the cube.
4. One glaring feature, which distinguishes center of the cube from all other point of the volume of the cube is that center is equidistant from all the corner points of the cube while no other point of the volume possess this feature.
5. The other prominent feature of the center of the cube is that it is the point of placement of origin of a three dimensional frame, which makes cube as a regular 3-Space body as that it does not prefer any axes over any other axes.
6. With a three dimensional frame with its origin at the center of the cube cuts cube into 8 sub cubes parallel to the split of 3-Space into 8 octants.
7. One may have a pause here and take note that the inner most corner points of all the eight sub cubes had a common placement at center of the cube.
8. One may further have a pause here and take note that this set up, as such amounts to the center being enveloped by 8 inner most corner points of 8 sub cubes.
9. It as such may be viewed as a collapse of 8 sub cubes at center of the cube.
10. One may have a pause here and take note that it is parallel to a point of hyper cube-4
11. Point of hyper cube-4 is equipped with the structures of hyper cube-4.
12. This, this way brings us face to face with center of the cube as a seat of 4-Space.

13. One may have a pause here and take note that while cube is a linear order set up (1-Space in the role of dimension of 3-Space), on the other hand, 4-Space is a spatial order space(2-Space in the role of dimension of 4-space),
14. One may further have a pause here and take note that as the dimensional order of 4-space is one degree higher than that of the linear order of domain (volume), as such, it would provide a transcendence for 3-Space content through center being the seat of spatial dimensional order 4-space.
15. One may further have a pause here and take note that the spatial order of a 4-space, as such is of a one degree less than that of the solid domain (volume of cube) and accordingly the upward transcendence (ascendance) through center into the solid domain (volume) of cube.
16. One may have a pause here and be face to face with two fold transcendence Phenomenon of linear order into the spatial order 4-Space and the ascendance of spatial order through the spatial order into solid domain (volume of the cube).
17. It this two fold transcendence Phenomenon of hyper cube-3 (cube of format which deserve to be comprehend well and to thoroughly appreciated for appropriate insight and enlightenment about the hyper cubes formats.
18. It is expected from 10+ 2 class passout that they comprehended well that two fold transcendence Phenomenon of hyper cubes format.
19. It would be a blissful exercise to glimpse the two fold transcendence Phenomenon at the center of hyper cube-4.
20. Further it would be a very blissful exercise to glimpse the two fold transcendence Phenomenon at the center of hyper cube-5.
21. A step ahead shall be blissfully glimpsed the two fold transcendence as a center of hyper cube-6.
22. With this glimpsing sadkhas / students shall be perfecting their mental states to glimpse the enlightenment.
23. As such the expectation from 10 + 2 passout students would that there shall be acquiring proper mental state for too the Existence Phenomenon of our solar universe within manifested states.

Dr. S. K. Kapoor, *Ved Ratan* ■