

ORGANIZATION FORMAT OF GANITA SUTRAS

Step – 02 :

(16, 16-3), (16, 16-3-3)

1. Step 01: (16, 13, pair of artifices) is parallel to the organization feature of text of Ganita Sutras and Upsutras being of range of 16 Sutras and 13 Upsutras.
2. The artifices pair (16, 13) admits reorganization as (16, 16-3).
3. This as first step (16, 16-3), shall be taking us ahead to the pair of artifices (16, 16-3-3).
4. The artifices pair (16, 16-3-3) is reorganization step of pair of artifices (16, 10).
5. The artifices pair (16, 10) is parallel to the text feature of Ganita Sutra-1 and Ganita Upsutra-1, as much as that the text of Ganita Sutra-1 avails 16 letters while text of Ganita Upsutra-1 avails ten letters.
6. The pair of steps (16, 16-3) and (16, 16-3-3) would help us work out sequential steps (16, 16-3), (16, 16-3-3), (16, 16-3-3-3) and so on.
7. This sequential feature shall be taking us to a sequential range of steps (16-13), (16-10), (16-7, 16-4, 16-1).
8. This six steps long sequential range for the artifice 16 would lead us to many features of the organization.
9. Amongst others features, one of the focus point would be upon six steps range (16, 13, 10, 7, 4, 1).
10. This range of values of 6 steps would help us have an insight of their structural format. This structural format feature is of characteristic value of dimensional synthesis mathematics.
11. One way to chase this structural feature would be to be of following steps.
 - i. (-1) space accepts (-3) space as its dimension.
 - ii. (-1) space itself plays the role of dimension of 1 space.

- iii. The artifices triple (1, -1, -3) is parallel to 1 space as domain, -1 space as dimension and -3 space as dimension of dimension.
 - iv. Synthesis value of pair of dimensions (-1, -1) comes to be equal to the value of first dimension plus of second dimension minus value of dimension of dimension that is $(-1) + (-1) - (-3) = 1$.
 - v. The synthesis value of triple dimensions (-1, -1, -1) come to be equal to the synthesis value of first pair of dimensions plus value of third dimension minus double the value of dimension of dimension that is $1-1-2(-3)=6$.
12. One may have a pause here and permit the transcending mind to have a fresh look at the above sequential steps range (16, 13, 10, 7, 4, 1).
 13. It would be blissful to comprehend that here the working rule of Ganita Sutra-1 (one more than before) together with the working rule of Ganita Upsutra-1 'proportionately / rule of symmetry' are simultaneously at work and at every step '-3' as '1' is being applied.
 14. Further it also would be blissful to comprehend that in case of synthesis of dimensions of order of '-1' space, the synthesis glue would be supplied by '-3' space as dimension of dimension and that this dimensional synthesis glue unit value '-3' would be supplied as single, double, triple and further sequential number of units values.
 15. One may further have a pause here and permit the transcending mind to comprehend simultaneous existence of +1 space and -1 space as pair of orientations of a line.
 16. Here it also would be relevant to note that + 1 space plays the role of dimension of 3 space. As such the dimensional synthesis values for linear dimensional order would be of following steps.
 - i. The dimensional value of single dimension is equal to 1.
 - ii. Synthesis value of pair of dimensions is equal to $1 + 1 - (-1) = 3$.
 - iii. The synthesis value of three dimensions is equal to $3 + 1 - 2(-1) = 6$.
 17. Let us have a pause here and have a fresh look at the artifices triple (1, 3, 6).
 18. In reverse orientation it would be (6, 3, 1).
 19. This triple (6, 3, 1) permit re-organization as (3+2+1), (2+1), (1).
 20. This triple (1, 3, 6) would help work out the sequence of values of sum of the natural numbers in sequential order being (1, 1+2, 1+2+3, 1+2+3+4, --).

21. One may again have a pause here and take note that the triple (6, 3, 1) provides a format for the last three letters of the text of Ganita Uputra-1.
22. Further applications of the above features of artifices pair (16, 10), which are abundantly many, would be worked out afterwards.
23. However, here, feature of one of the re-organization steps for the artifices pair (16, 10) which would be prominently availed is being focused.
24. The artifices pair (16, 10), permits re-organization as (10+6), 10.
25. The artifices 10 and 6 further permit re-organization in terms of quadruple of artifices as $10 = 1+2+3+4$ and $6 = 0+1+2+3$.
26. The artifice $16 = 10+6 = (1+2+3+4) + (0+1+2+3)$ shall be permitting quarter wise chase as follows
 - i. $10 = 1 + 2 + 3 + 4$, a set up of 4 quarters of quadruple artifices values (1, 2, 3, 4)
 - ii. Likewise artifice 6 shall be permitting quarter wise chase in terms of artifices quadruple (0, 1, 2, 3).
 - iii. The pair of artifices (10, 6) shall be permitting quarter wise synthesis as of quadruple value (0+1), (1+2), (2+3), (3+4).
 - iv. The synthesis values quadruple (1, 3, 5, 7) shall be leading us to a large number of features values.
 - v. The first three quarters triple (1, 3, 5) is of summation value $1 + 3 + 5 = 9$, while the fourth quarter is of value 7.
 - vi. Here it would be relevant to note that the text of Ganita Sutra-1 which is of 16 letters range splits itself into a pair of sub ranges parallel to the ranges of letters availed by first word composition and second word composition of the text of Ganita Sutra-1.
27. Further the artifices pair (16, 10) permits re-organization as (5+6+5), (3+4+3).
28. One may have a pause here and have a fresh look at the above re-organization for 16 as 5+6+5 and for 10 as 3+4+3.
29. Here it would be relevant to note that 3-space plays the role of dimension of 5-space and 4-space plays the role of dimension of 6-space.
30. It would further be blissful to take note that 6-space plays the role of origin fold of 5-space while 4-space plays the role of origin fold of 3-space.

31. Still further it would be very blissful to take note that a three dimensional frame permits a split into a pair of three dimensional frames of half dimensions within spatial order 4-space.
32. One may have a pause here and permit the transcending mind to have a comprehensive view of above features which may help comprehend that while cube does not permit duplication but a three dimensional frame does permit a split into a pair of three dimensional frame of half dimensions.
33. With it, we are face to face with the basic feature of structural set up of our manifested world as that while 'cube' being wrapped within a geometric envelope of 26 components, does not permit split for the cube into a pair of cubes but at the same time three dimensional frame splits into a pair of three dimensional frame of half dimensions.
34. It further brings us face to face with the feature that 12 edged static cube acquires a degree of freedom of motion within 4-space and that this degree of freedom of motion manifests as 13th edge for the cube and thereby 13 edged cube becomes hyper cube 4.
35. Still further it brings to focus that 4-space domain gets swapped in terms of 13 edged cube.
36. Still further it would be relevant to note that 4-space being a spatial order space as such $2^4 = 16$ artifice value has the potentialities to contain 4-space domain within spatial dimensional frame of 4 dimensions.
37. With it, the features of artifices pair (16, 13) are apparently at work for swapping of 4-space domain as well as for retention of 4-space domain within a dimensional frame of 4 spatial dimensions.
38. Still further, it also would be relevant to note that, as 4-space is a spatial dimensional space, as such the degree of freedom of motion for 3-space within 4-space shall be of a spatial format.
39. With it the 13th edge of dynamic cube within 4-space shall be having artifice value 13 along each of the pair of axes of spatial dimensional order itself.
40. This way $13 + 13 = 26$ artifice value shall be work for manifestation of the path of motion for cube within hyper cube 4.
41. Still further it also would be relevant to note that the cube has spatial boundary i.e. 2-space plays the role of boundary of 3-space and that the geometric envelope of cube admits 26 components.

42. One shall sit comfortably and permit the transcending mind to be face to face with the phenomenon of transition and transformation for static cube into a dynamic cube.

Note :- Course Step 3 is scheduled for 19-7-2013.

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