VM Course

ORGANIZATION FORMAT OF GANITA SUTRAS

Step 52: Boundary Fold Sequence

1. Boundary fold sequence of manifestation layers of hyper cube is inherently of distinctive features.

2. The inherent characteristics of features of boundary folds is interlinked with domain – boundary formulation is to $A^n : 2nB^{n-1}$.

3. The $2n\ B^{n-1}$ value brings to focus two fold features, firstly parallel to the value 2n and secondly parallel to the value B^{n-1}.

4. The value '2n' in reference to the value B^{n-1} is of the feature of hyper cube B^{n-1} multiplies itself '2n times'.

5. This multiplication features deserves to be chased.

6. Basically it leads to the simultaneous existence of similarly formatted bodies.

7. The existence of similarly formatted bodies is the phenomenon which deserves to be chased to be comprehended and imbibed.

8. Scripture preserves that lord Brahma creator the supreme (four head lord) meditates upon His lord (lord Shiv) within cavity of his heart and multiplies as ten Brahmas.

9. One may have a pause and permit the transcending mind to continuously remain in prolonged deep sitting of trans and to be face to face with the phenomenon of creative boundary (4-space as a boundary) of transcendental domain (5-space), splitting as of ten components.

10. This phenomenon of multiplying ten fold (as ten boundary components) at boundary of transcendental domain (5-space) which is of a higher dimensional order than that of creative space (4-space), deserves to be chased to comprehend and imbibe its pure and applied values.

11. The feature of hyper cube n permitting its enveloping within 2n hyper cubes (n-1), as such is a common feature of whole range of hyper cubes.

12. The coordination of a pair of consecutive members of boundary fold sequence would be parallel to the pairing of artifices values 2n B^{n-1} (2n +2 B^{n}).

13. This coordination shall be of two fold progressions, firstly as (2n, 2n +2) and secondly as (B^{n-1}, B^{n}).

14. For n= 1 it would lead to (i) (2, 4) (ii) (B^{0}, B^{1}).

15. For n= 2 it would lead to (i) (4, 6) (ii) (B^{1}, B^{2}).

16. It would be relevant to note that these two folds pairing features are of values:
    i. Consecutive even numbers pairing at the base
    ii. Consecutive numbers pairing at the index

17. That way essentially these two folds pairings are of consecutive numbers and of consecutive even numbers.

18. As the consecutive numbers pairing is of the format of consecutive hyper cubes, as such it is of the format of consecutive dimensional bodies, and as such it is of increasing dimensional orders which would be parallel to the sequential placement steps of place value systems of numbers.

19. Even artifices pairs (2, 4), (4, 6), (6, 8) and so on shall be permitting placement values as 42, 64, 86, 108 and so on.

20. The artifice value 108 as such is of the organization features of coordination of eight boundary components of 4-space with 10 boundary components of 4-space.

21. Further the hyper cubes formatted boundary components, as such shall be leading to manifestation layers formats for the boundary components, illustratively ten boundary components of hyper cube 5 shall be of hyper

cube 4 formats and corresponding to it of (2, 3, 4, 5) manifestation layer formats

22. This manifestation layer formats shall be of the features of 5-space as domain fold of hyper cube 5 shall be the origin fold of hyper cube 4 as boundary components.

23. It is this feature of 5-space as domain fold of hyper cube 5 and as origin fold of (hyper cube 4) and further as that hyper cube 5 and hyper cube 4 themselves are coordinated as domain fold and boundary fold, would lead to ten place value system.

24. Starting with 5-space as domain fold devoid of any boundary component, as such would be permitting expression parallel to the value (0 x 10).

25. The expression of hyper cube 5 as 5 –space enveloped within ten creative boundary components with transcendental origin shall be permitting expression parallel to artifice value 10^1.

26. Still further as each of the ten creative boundary components are of transcendental origin, as such origin shall be permitting enveloping within ten creative boundary components and thereby 10 x 10 = 100 number of creative components would be available for enveloping all the ten transcendental origins at the creative boundary.

27. This range of 10 x 10 =100 creative boundary components, shall be parallel to artifices values 10^2 .

28. This way there would be sequential unfolding of creative boundary to creative boundary of transcendental origins and likewise the sequential progression shall be sequentially leading to artifices values parallel to the organization format of placements under ten place value system

29. One may have a pause here and take note that the emerging ten place value system is parallel to ten boundary components of 5-space / hyper cube 5.

30. One may further have a pause here and permit the transcending mind to continuously remain in prolonged sittings of trans and to comprehend and imbibe the values of 2n place value system for n space / hyper cube n, for all values of n.

31. In particular two place value system would be unfolding at the boundary of hyper cube 1; 4 place value system shall be unfolding at the boundary of hyper cube 2, 6 place value system shall be unfolding at the boundary of hyper cube 3; and so on.

32. These features of boundary fold sequential expression for the manifestation layers of hyper cube sequence deserves to be chased for their geometric formats to avail their pure and applied values.

33. One may have a pause here and focus upon the protective role of enveloping boundary of domain.

34. Illustratively, we may begin with cube 'hyper cube 3' with 2-space in the role of boundary fold of manifestation layer (1, 2, 3, 4).

35. Let us have a fresh look at the set up of cube, its spatial boundary permits a split as six surface plates. The corner points and edges, as such being devoid of surface (area, the prominent role) as boundary, as such shall be of surface / 2-space.

36. The points (hyper cube 0) and lines (hyper cube 1) as components of measuring rod of 2-space shall be dominated by the role of hyper cube 2 as component of the measuring rod.

37. One may have a pause and view, points and lines within a plane and comprehend and evaluate their roles.

38. One may further have a pause and have a fresh look at the set up of enveloping surface of solids.

39. Square / surface plates as representative regular bodies of 2-space, being in the role of boundary shall be permitting their strip off from domain / volumme part of cube.

40. This strip off of surface / square / 2-space from the boundary of solids / 3-space, can be on either side of dimension fold (1-space) or towards domain fold (3-space).

41. This stripping of features of boundary (components), in two ways (towards dimension fold or towards domain fold) shall be leading to different features and roles of boundary.

42. One may further have a pause and have a fresh look at the surface plates of cube (solids / 3-space body / hyper cube 3).

43. It would be relevant to note that each surface plate of cube shall be having outer face as well as inner face.

44. The inner face of surface plate shall be manifested along with the outer face of the surface plate in its role as boundary surface of solids / cube.

45. It as such presumes existence of a solid base supporting two faced surface.

46. The distinctive features of single face surface / plane from those of double face surface deserve to be chased.

47. One may have a pause here and take note that 0-space plays the role of dimension of 2-space.

48. Further as that pair of dimensions of zero order synthesize 2-space domain.

49. Further as that surface is devoid of volumme and 0-space being the dimension space of 2-space frame, as such the synthesis of pair of spatial dimensions synthesize creative domain (4-space) as domain.

50. Further it also would be relevant to note that 4-space domain is enveloped within solid boundary, which in the circumstances shall be playing the role of origin of hyper cube 2 / manifestation layer (0, 1, 2, 3).

51. These features deserve to be chased and to be comprehended well for imbibing thoroughly, particularly the phenomenon of printout of 3-space structure within 2-space as domain.

52. One may have a pause and be through the following NVF equation
    i. NVF (Printout) = NVF (Domain matter) = NVF (One frame domain)

53. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of trans and to chase printout of 3-space in 2-space as a triangle with origin as center of the triangle.

54. One may further have a pause and permit the transcending mind to further remain in prolonged sitting of trans and to be face to face with the phenomenon of 3-space in the role of dimension synthesizing a transcendental domain (5-space as domain) enveloped by creative boundary (4-space as boundary) and within 4-space a three dimensional frame splitting into a pair of 3 dimensional frames of opposite orientations.

55. It would be relevant to note that the feature of opposite orientations of pair of three dimensional frame split for a three dimensional frame is parallel to the reflection pair artifices (३, ६) as per the Devnagri script format for artifices (3, 6).

56. It would be relevant to note that transcendental domain (5-space) accepts creative boundary (4-space) of ten components.

57. It would be relevant to note that the set up of pair of three dimensional frame of opposite orientations, as such shall be available in each of the ten creative boundary components.

58. It further would be relevant to note that parallel to the reflection pair (3, 6) would follow artifice 36 along ten place value system and ten such artifices shall be leading to the summation value '360'

59. One may have a pause here and take note that the phenomenon of sum of all the external angles of a polygon of any number of sides being '360 degrees' and the split of solid dimensional order (3-space in the role of dimension) of 5-space in each of the creative boundary components of 5-space, running parallel to each other deserve to be chased as a feature of the printouts of dimensional bodies within spatial dimensional order of creators space.

60. One may have a pause here and permit the transcending mind to be face to face with the emerging sequence of polygons around the origin of 2-space in the role of dimension of 4-space.

61. Here it would be relevant to note that pentagon (polygon of five sides) is the first polygon which structures inner pentagon with intersection of joining of every corner of pentagon with all other corners of the polygon

62. One may have a pause here and take note that polygons of sides five or more are inheriting this feature of structuring a polygon within a polygon.

63. This feature of structuring of polygon within a polygon as such is of ad-infinitum steps for each polygon of sides five or more.

64. This way there would be an infinite sequence of polygons within every polygon of sides five or more.

65. Illustratively there would be a sequence of pentagons as well as the sequence of hexagons and so on enveloping the origin of polygons.

66. With this pentagon and parallel to it hyper cube 5 with transcendental domain (5-space in the role of domain) shall be of a central focus.

67. These features deserve to be chased to comprehend and imbibe the geometric formats because of the inherent structural features of the sequence of boundary folds of hyper cubes with a focus upon the boundary fold of transcendental domain.

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