

## List of VM Consolidated documents of Dr. S. K. Kapoor

### List 2 Different aspects of Vedic Mathematics

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#### Article 19

#### VEDAS

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1. Vedas have reached us in their composed form as samhitas of four Vedas: (Rig Ved, Yajur Ved, Sam Ved and Atharv Ved).
2. Of these Samhitas, Shakala Rig Ved Samhita, is the principal samhita, which as per traditions, deserves the seed values of whole range of vedic domain.
3. Shakala rigved samhita is a scripture of 432000 syllables, of which 397265 syllables are written syllables, while remaining 34735 syllables are in un-manifest (un-written) but are the lively values of the organization format of this scripture.
4. Here, knowledge and organization of knowledge, run parallel to each other. Rather, organization of knowledge run parallel to knowledge itself.
5. Both knowledge and organization of knowledge, complement and supplement each other and as such one is to ever remain conscious of organization format features and values of

shakala rig ved samhita, while one is glimpsing and imbibing the values of knowledge constituting this scripture.

## **ORGANIZATION OF SHAKALA RIG VED SAMHITA**

6. Shakala rig ved samhita is a scripture of 432000 syllables. This scripture is of range of 10552 Richas and each Richa as its 'Rishi, devta, chand and swara'.
7. Further, each richa is of its distinct placement in 2024 vargas.
8. Also, each Richa is of distinct placement in 1028 suktas.
9. Shakala rig ved samhita is organized as ten mandals, eight ashtaks, 64 adhyayas and 85 Anuvakas for the entire range of 10552 Richas of their placements within 1028 suktas and 2024 vargas.
10. Each of 10552 richas is a unit in itself and it as a whole finds distinct placements in 1028 suktas, as well in 2024 vargas.

## **RICHAS AS A UNIT**

11. Richas as a unit is the organization feature of shakala rig ved samhita.
12. Further, each richa has its specific rishi, devta, chand as well as swara.
13. As such, the knowledge value of a richa becomes the basic value, and like that there are 10552 values range of shakala rig ved samhita which deserves to be comprehended and imbibed, as such, in there sequence, to have comprehensive view of the knowledge values domain of shakala rig ved samhita.

## **SUKTA AS A KNOWLEDGE DOMAIN UNIT**

14. Shakala rig ved samhita as a organization of 1028 suktas, as such makes knowledge domain as 1028 knowledge domains values.
15. Each sukta, further is of range of richa units of specific reach of rishi, devta, chand and swara) of respective richa

## **TEN MANDALS FORMAT**

16. Ten mandals format is parallel to the format of creative (4-space) boundary of ten Components of transcendental (5-space) domain.
17. As such, the knowledge domain of Shakala Rig Ved Samhita is to be approached as parallel to the organization of creative boundary of ten Components of transcendental domain.

## **EIGHT ASHTAK FORMAT**

18. Solid boundary of creator's space of (4-space) is of eight Components.
19. This makes knowledge domain of Shakala Rig Ved Samhita being of format of solid boundary of creator's space.

## **SIMULTANEOUS PAIR OF FORMATS**

20. Ten mandals and eight ashtak format are a pair of parallel formats being availed by shakala rig ved samhita for organization of its knowledge of domain.

21. One may have a pause here and take note that creative boundary (4-space as boundary) is of spatial order (2-space in the role of dimension of 4-space).
22. Solid boundary is of linear order (1-space in the role of dimension of 3-space)
23. Further as that, manifestation along the format of creator's space (4-space) is of the format of 4 folds manifestation layers, designated as hyper cubes, being the representative regular bodies of respected dimensional spaces whose contents manifesting as domain fold of hyper cube.
24. Still further as that, domain fold gets enveloped within the boundary fold of the role of dimensional space of degree over than the dimensional space of domain fold.
25. One may have a pause here and take note that 2-space plays the role of boundary of 3-space.
26. As such, this manifestation feature carries forward simultaneous processing systems of pair of spaces (2-space, 3-space) in respect of hyper cube 3 format of 3-space domain manifesting as enveloped with a spatial boundary.
27. One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features of parallel processing by chasing a pair of consecutive dimensional spaces.
28. Simultaneously manifestation as domain fold and boundary fold, the organization of shakala rig ved samhita has ten mandals and also has eight ashtaks is of this format features values.

## EIGHT ASHTKAS IN 64 ADHIYAYAS

29. To appreciate organization features of shakala rig ved samhitas as of 8 ashtaks and of 64 adhiyayas.
30. One shall be face to face with values pairs (8, 64) which, amongst others, is of following features:
  - (i)  $(8, 64) = (8^1, 8^2)$
  - (ii)  $(8, 64) = (2^3, 4^3)$
31. Further as that, cube splits as eight sub cubes, further as 64 sub-sub cubes.
32. TCV (एक) = 8 = TCV (त्रय).
33.  $(1, 8, 64) = (1^3, 2^3, 4^3) = [(2^0)^3, (2^1)^3, (2^2)^3]$
34. One shall have a pause here and to permit the transcending mind to glimpse and imbibe these parallel features organization of pair of formats.

## 85 ANUVAKS

35. Value 85 is of organization  $85 = 8 \times 10 + 5$
36. One may have a pause here and take note that each of 10 Components of creative boundary is enveloped within eight solid boundary Components, and this makes a set up of  $8 \times 10 = 80$  solid boundary Components for exhaustive coverage of entire creative boundary of transcendental domain.
37. Further, transcendental domain itself manifests within a dimensional frame of five solid dimensions.
38. This contribution of five solids by the dimensional frame of transcendental domain together with 80 solids coverage for

the creative boundary of ten Components of transcendental domain.

39. As such makes a set up of value  $80+5 = 85$  parallel to value 85 of 85 anvakas.
40. One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these values and features of organization format of shakala rig ved samhita.

### **FORMULATIONS QUADRUPLE (ऋषि, देवता, छन्द, स्वर)**

41. TCV (rishi) = 12 is parallel to 12 Components of transcendental boundary (5-space boundary) of self referral domain (6-space domain).
42. TCV (Devta) = 26 is parallel to summation value of four folds manifestation layer (5, 6, 7, 8) of hyper cube 7 of transcendental order.
43. TCV (Chand) = 19 is parallel to organization  $19 = 7+5+7$ , which is further parallel to dimensional synthesis  $(-7, -7) = (-5)$ .
44. Further as that, value 19 is value of southern hemisphere of our solar universe.
45. TCV (Swara) = 15 is parallel to value  $1 \times 3 \times 5$  of dimensional frame of 5-space.
46. One may have a pause here and take note that these values of organization brings us face to face with the formats features and values of transcendental space (5-space) for reach at 6-space.

## QUADRUPLE FORMULATION (ऋग्वेद, यजुर्वेद, समवेद, अथर्ववेद )

47. TCV (ऋक्) = 5, which is parallel to a flow along the format of pankti / line.
48. TCV (यजुर्वेद) = 11, which is parallel to 11 geometries range of 5-space with 11 versions of hyper cube 5 as there representative regular bodies.
49. TCV (sam) = 15, which is parallel to 1x3x5 value of dimensional frame of 5-space
50. TCV (Athrav) = 17, which is parallel to value 17 of northern hemisphere of our solar universe.
51. One shall sit comfortably and to comprehend and imbibe these values and features which bring us face to face with format of 5-space.
52. TCV (ऋग्वेद) = 27, which is parallel to  $3^3$  value of three dimensional frame of 3 half solid dimensions.
53. TCV (यजुर्वेद) = 31, which is parallel to synthesis value 31 of a pair of transcendence range of linear order.
54. TCV (समवेद) = 35, which is parallel to the format of 5x7 grid of six place values systems accommodating its 35 double digits numbers.
55. TCV (अथर्ववेद) = 37, which is parallel to 37 geometries range of hyper cube 18 as re-manifestation as  $18 = 3+4+5+6$  parallel to four folds manifestation layer of hyper cube 5.

56. One shall sit comfortably and to glimpse and imbibe these values and features of organization of Vedas and in particular of Shalkala Rig Ved Samhita.

