

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

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### List 3 Different aspects of Vedic Mathematics

#### Article - 1

Vedas are written on Rays of the Sun  
(One shall aspire to learn to read and to imbibe the values)

1. Initiation
  2. Orb of the Sun
  3. Unity state origin
  4. Rudra Dev
  5. Internal structural chase of formulation रश्मि Rasmi
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#### Article - 1

Vedas are written on Rays of the Sun  
(One shall aspire to learn to read and to imbibe the values)

I

#### Initiation

1. Students of Vedic Mathematics, Science & Technology shall aspire for learning how to read 'Vedas are written on ray of the Sun'
2. Conceptually Vedas are all about what is happening within Rays of the Sun.

3. That way Vedas go parallel to the existence phenomenon within rays of the Sun.
4. Values of Vedas being parallel to the existence phenomenon within rays of the Sun and as such the features of this existence phenomenon are imprinted on rays of the Sun.
5. These imprints on rays of the Sun are the printouts of Vedic values.
6. Sadkhas aspiring to decipher out these printouts have to go transcendental the Vedic way itself.
7. It is this learning to go transcendental parallel to the ways of Vedas which is to be aspire by the sadkhas / students of Vedic Mathematics, Science & Technology.
8. This is yogic way of learning.
9. Parallel to it is the Sankhiya way.
10. Yoga Nishtha and Sankhiya Nishtha are run parallel to each other.
11. Yoga Nishtha presumes the existences of artifices of numbers and avails dimensional frames for chase of transcendence.
12. Sankhiya Nishtha presumes the existence of geometric formats and avails artifices of numbers for chase of values
13. This two fold chase unifies at the creative boundary (4-space) as boundary of transcendental domain (5-space)
14. Accordingly the initiation of Sadkhas / students aspiring for learning to read Vedas written on rays of the Sun comes to be the initiation parallel to virtues of the existence phenomenon of framed transcendental domain within creative boundary and solid dimensional frame with its origin super imposed upon the origin of transcendental domain.

15. This initiation as such becomes of the features of self – referral origin (6-space as origin).
16. With it the Divya Ganga flow initiated at origin of transcendental domain through the artifices of sole syllable Om becomes the first learning step.
17. With this learning step initiation would be of the features and values of transcendental carriers of transcendental domain riding the rays of the Sun for reach uptill orb of the Sun.
18. It would be a blissful exercise to revisit this write up and to enlist technical terms availed for this expression.
19. This exercise shall be bringing face to face with, amongst others, the following technical terms :

SN	TECHNICAL TERM
1	Vedas
2	2 Rays of the Sun
3	3 Sadkhas
4	4 Within rays
5	5 Values of the
6	6 existence of the Sun Vedas phenomenon
7	7 imprints on rays of the Sun
8	8 aspiring to decipher out
9	9 to go transcendental
10	10 The Vedas ways
11	11 Yogic way of learning
12	12 Sankhiya way of learning
13	13 Yoga Nishtha
14	14 Sankhiya Nishtha
15	15 artifices of numbers
16	16 dimensional frames

17	17 geometric formats
18	18 Divya Ganga flow
19	19 Initiation
20	20 riding the rays of the Sun
21	21 solid dimensional frame
22	22 Origin of dimensional frame
23	23 Origin of transcendental domain
24	24 self – referral origin
25	25 sole syllable Om
26	26 transcendental carriers
27	27 reaching orb of the Sun
28	28 framed transcendental domain
29	29 creative boundary of transcendental boundary

## 2

### **Orb of the Sun**

1. Orb of the Sun is the source reservoir of the rays of the Sun.
2. Center of the orb of the Sun is the center of the Sun itself.
3. Center of the orb of the Sun is super mposed upon the center of the Sun.
4. Center of the Sun as center of domain of the Sun is as such is the center of the 6-space domain.
5. Center of 6-space domain is at the seat of origin of 6-space domain.
6. Center of 6-space domain is the origin fold of hyper cube 6.
7. The origin fold of hyper cube 6 is the manifested role of 7-space as 7-space content as origin fold.

8. 7-space content manifestation is the domain fold of hyper cube 7.
9. Domain fold of hyper cube 7 is the pole star .
10. It is this interrelationship and co-existence of Sun (as 6-space body / 6-space content lump in the role of domain fold) and of pole star), (7-space body / 7-space content lump manifested and playing the role of domain fold of hyper cube 7 which deserves to be comprehended well and to be thoroughly appreciated for their complete imbibing to acquire deep insight and to attain full enlightenment about the orb of the Sun as the source reservoir of rays of the Sun and also to know about the existence phenomenon within a ray of the Sun.
11. Sanskrit formulation for which English rendering is being taken as ray of the Sun is 'Surya Rasmi' (lw;Z jf'e).
12. The formulation (lw;Z jf'e) 'Surya Rasmi' deserves to be chased.
13. One way to chase formulation (lw;Z jf'e) 'Surya Rasmi' is in terms of its transcendental code value.
14. The transcendental code value of (lw;Z jf'e) 'Surya Rasmi' comes to be  $13 + 17 = 30$ .
15. The transcendental code value 30 of (lw;Z jf'e) 'Surya Rasmi' is parallel to transcendental code value of formulation 'lafgrk' Samhita.
16. Further as that structural set up of hyper cube 3 / cube is the set up of 8 corner points, 12 edges, 6 surfaces, 3 axes and 1 volume  $(8 + 12 + 6 + 3 + 1) = 30$ .
17. Values range (1, 3, 6, 8, 12) deserve to be comprehended and chased for their progression thread, which amongst others is of

the features (i)  $0 + 1 = 1$ , (ii)  $0 + 1 + 2 = 3$ , (iii)  $0 + 1 + 2 + 3 = 6$ , (iv)  $6 = 2 + 2 + 2$ .

18. Values triple (2, 4, 6) is parallel to dimensional synthesis values sequence of single, double and triple spatial dimensions.
19. Values quadruple (2, 4, 6, 8) is parallel to dimensional synthesis values of single, double and quadruple spatial dimensions.
20. Value  $12 = 6 + 6$ , value  $12 = 8 \times 3/2$ , value  $8 = (6, 6)$ , as synthetic value of a pair of self referral (6-space) dimensions.
21. The reach from value 8 to value 12 is parallel to the reach of formulation of transcendental code values 8 and 12 respectively.
22. There are 8 vasu, parallel to the 8 fold solid components of boundary of creator's space (4-space)
23. Value 12 is parallel to 12 fold transcendental boundary (5space as boundary) of self referral domain (6-space).
24. There are 12 Adityas (Suns)
25. It also would be relevant to take note that transcendental code value of formulation Akash is 8.
26. Transcendental code value of formulation yog is 12.
27. Parallel number value formats of formulations Sun, Ray, Orb, Space as well deserve to be comprehended well.
28. NVF (Sun) = 54, NVF (Orb) = 35, NVF (Space) = 44, NVF (Ray) = 44
29. One shall revisit the reach of number value formats of 26 alphabet letters A to Z as 1 to 26 in parallel sequence and order.
30. One shall also revisit transcendental code values of 9 vowels as 1 to 9 respectively.

31. transcendental code values of 5 x 5 varga consonants rows are of parallel organization format of numbers values as 1 2 3 4 5 2  
3 4 5 6 3 4 5 6 7 4 5 6 7 8 5 6 7 8 9
32. Four antstha letter accept quadruple TCV values (1, 3, 5, 7) in that sequence and order, four ushmana letter accept TCV value quadruple (2, 3, 6, 9) in parallel sequence and order.
33. Yama letter accept transcendental code values 9, 10, 11, 12, 13, 14, 15, 16 in parallel progression.
34. One shall sit comfortably and permit the transcending mind to glimpse this organization.
35. One shall tabulate the technical terms.
36. One shall up to date one's transcendental code values dictionary as well as number values format dictionary.

### 3

### Unity State origin

1. Unity state of origin of Sun deserves to be comprehended well.
2. Sun is the domain fold of hyper cube 6.
3. Hyper cube 6 is a four fold manifestation layer (4, 5, 6, 7) / 4-space as dimension, 5-space as boundary, 6-space as domain, 7-space as origin.

4. One may have a pause here and take note that each space (in terms of the space content) plays different role of which four of them are the roles of folds of manifestation layers.
5. 4-space as dimension fold leads to hyper cube 6 as of creative dimensional order.
6. 4-space as boundary fold leads to hyper cube 5 of solid dimensional order and creative boundary.
7. 4-space as domain fold of hyper cube 4 is of spatial dimension, solid boundary and transcendental origin.
8. 4-space as origin fold is fourth fold of the manifestation layer (1, 2, 3, 4) of hyper cube 3 as of linear order, spatial boundary and solid domain.
9. In general n-space as dimension fold shall be leading to hyper cube  $(n + 2)$ .
10. N-space as boundary of hyper cube  $(n + 1)$ , n space as domain fold of hyper cube n and n space as origin fold of hyper cube  $n - 1$  are other different roles of n space.
11. With it,  $n = 7$  shall be sequentially leading us to hyper cube 9 with 7-space as dimension fold.
12. The four fold manifestation layer (7, 8, 9, 10) leads to summation value  $7 + 8 + 9 + 10 = 34$ .
13. This as such makes unity state order (7-space in the role of dimension) leading to structural set up of hyper cube 9 accepting one of its feature being of value 34.
14. One may have a pause here and take note that unity state origin (7-space in the role of origin of 6-space / origin fold of hyper cube 6) shall be as unity state order, leading us to structural set up of feature value 34.



15. One may have a pause here and take note that transcendence for the self referral domain (6-space as domain) at its origin (unity state origin / 7-space as origin) shall be bringing us face to face with the transcendence phenomenon of half of the structural value 34 being transcending through and leading us to the base fold (8space in the role of base fold of 7-space as origin of 6-space domain of transcendental boundary (5-space as boundary) and of creative order (4-space as dimension).
16. One may have a pause here and take note that 8-space accepts 17 geometries range.
17. Parallel to it hyper cube 8 is having 17 versions
18. Of these, 8 geometries are of negative signatures while remaining 9 geometries are of non negative signatures.
19. One shall further have a pause here and permit the transcending mind to glimpse this transcendence phenomenon of self referral domain (6-space as domain) through its unity state origin (7-space as origin) and for its reach at natural state base (8space in the role of base fold) of Brahman origin (9-space as origin of 8-space base).
20. One may have a pause here and take note that value 17 as transcendental code value 17 brings us face to face with formulations of transcendental code value 17 like आत्मा Atma, रश्मि Rashmi, शब्द Shabad, नाद Nad etc. etc.
21. It would be a blissful exercise to compile formulations accepting transcendental code value 17.

22. One shall sit comfortably and permit the transcending mind to glimpse 20 formulations of transcendental code value 17 and to imbibe the values and virtues of these formulations.
23. One shall also transcend through the relationship of these formulations of transcendental code value 17.
24. It would be blissful to glimpse and imbibe the values and virtues of relationship of formulations आत्मा Atma, रश्मि Rashmi, शब्द Shabad, नाद Nad etc. etc.
25. It would further be very blissful to take note that value 17 is the placement value of northern hemisphere of solar universe.
26. With it, one may initiate oneself for chase of the existence phenomenon of solar universe of its northern hemisphere within the सूर्य रश्मि Surya Rashmi (ray of the Sun).
27. One shall further glimpse and imbibe the values of this existence phenomenon as नाद Nad for which simple English rendering for the present may be accepted as sound frequencies carriers format reach.
28. Still further it would be very blissful to glimpse and imbibe this existence phenomenon of the values and format of Atma (soul of Being / जीव Jeev).
29. It would further be a very blissful exercise to glimpse and imbibe the values and virtues of formulation वर्ष varsh with simple English rendering the attainments and fulfillments of flow through rays of the Sun over a period of one full year.
30. It would further be very blissful to chase formulation भारत Bharat accepting transcendental code value 19 and as such transcendental code value of formulation Bharat Varsh

comes to be  $19 + 17 = 36 = 18 + 18 = 6 \times 6 =$  transcendental code value of formulation षणवः Parnava which is further parallel to transcendental code value of formulations (Sri om).

31. One may have a pause here and take note that values pair (17, 19) are of format parallel to the format of (dimension fold, domain fold).
32. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to comprehend and to imbibe the values of the existence phenomenon of our solar universe within rays of the Sun with unity state origin being the source reservoir.

## 4

### रुद्र देव Rudra Dev

1. Rudra Dev sustains Ved Atma.
2. Transcendental code value of formulations of :nz nso Rudra Dev and osnkRek Ved Atma are 37 and 36 respectively.
3. Formulation :nz Rudra Transcendental code value 17.
4. There are 11 versions of hyper cube 5 parallel to 11 geometries of 5-space.
5. The 11th geometry of 5-space and parallel to it the 11th version of hyper cube 5, as such permit release of self referral

origin (6space) as origin of 5-space / 6-space in the role of origin fold of hyper cube 6.

6. This as such makes range of  $11 + 6 = 17$  steps long values range which is parallel to Transcendental code value of formulation ‘:nz Rudra’
7. One may have a pause here and take note that this seventeen steps long values reach of formulation Rudra would be available in reference to 0 to 10 creative components boundaries enveloping transcendental domain (5-space) domain.
8. These 11 values ranges of value 17 deserve to be comprehended well for imbibing of their features.
9. These 11 ranges of values as features ranges of formulation ‘Rudra that way make Rudra of 11 versions.
10. These simply are designated and known as 11 Rudras.
11. The four fold manifestation layer (17, 18, 19, 20) with dimension fold being of value being 17 and origin fold being of value 20 settle the organizational coordination format as formulation ‘Rudra Dev’.
12. The 11 rudra values ranges from the 0 to 10 creative components at boundary uptill released self referral origin of value 6 that way make out artifices values range (6, 0), (6,1), (6,2), (6,3), (6,4), (6, 5) , (6,6), (6, 7), (6,8), (6, 9), (6, 10) / values reach (60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70).
13. The values range 0 to 10 is of 11 steps long range and parallel to it is 11 steps long range of values 61 to 71.
14. One may have a pause here and take note that the parallel coordination (0, 7), (1, 6), (2, 5), (3, 4), (4, 3), (5, 2), (6, 1).

15. One shall sit comfortably and permit the transcending mind to have a fresh visit to 13 steps long range of 13 versions of hyper cube 6 parallel to 13 geometries of 6-space.
16. This 13 steps long range of 13 geometries of 6-space permit split as 6 negative signature geometries and 7 non negative signature geometries.
17. Parallel to it also there may be a split as of 6 positive signature geometries and 7 non positive signatures geometries.
18. This permissible two fold split at zero signature geometry will help us comprehend and appreciate the organization format of 7 steps long paring of values as (0, 7), (1, 6), (2, 5), (3, 4), (4, 3), (5, 2), (6, 1).
19. This seven steps long pairings of summation values 7 at each step make out grand values  $7 \times 6 = 42$  which permits split as  $42 = 21 + 21$ .
20. One may have a pause here and take note that number value 42 is parallel to the organization features of 2-space playing the role of dimension of 4-space.
21. Simultaneously the synthesis value of pair of creative dimensions (4-space as dimension comes to be 6).
22. Further as that number value 21 permits re-organization as  $21 = 1 + 2 + 3 + 4 + 5 + 6$  which is parallel to the format of Sathapatya measuring rod set up of hyper cubes 1 to 6 leading to exhaustive coverage of 6-space domain.
23. Further  $42 = 21 + 21$  goes parallel to the parallel availability of a pair of Sathapatya measuring rod formats.

24. Still further as that numbers values pair (12, 21) is a reflection pair of double digit numbers of ten place value system.
25. Further as that number value 12 is parallel to 12 transcendental components of transcendental boundary (5-space as boundary) of self referral domain (6-space domain), while number value 21 is parallel to Sathapatya measuring rod for exhaustive coverage of 6-space domain.
26. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse this phenomenon of Rudra Dev with transcendental code value Rudra = 27 = transcendental code value of formulation Rashmi = transcendental code value of formulation Atma.
27. One shall comprehend and imbibe these values to acquire insight and enlightenment about the existence phenomenon within rays of the Sun.
28. One shall up to date one's TCV dictionary by making entries of the emerging technical and conceptual formulations.

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## 5

### **Internal structural chase of formulation रश्मि Rasmī**

1. The formulation रश्मि Rasmī avails five letters namely र्, अ, इ, श्, म in the sequence of their placements as such.

2. The middle letter 'इ' is in letterwise split as per the need of availability of this composition as रश्मि Rashmi infact is of end placement (instead of the middle placement).
3. Individual letters availability utilize for the composition of formulations रश्मि Rashmi makes sequential order of individual letters as (र, अ, इ, म, इ)
4. This leads to transcendental code values sequence (3, 1, 2, 9, 2) in composed form of the formulation Rashmi.
5. This value sequence would be of placement (3, 1, 2, 2, 9).
6. Individually these five letters are of distinct placements in the organization format of Devnagri alphabet.
7. Of these, two of them namely (अ, इ) are first and second vowels respectively.
8. Letter (म) is the last varga consonant.
9. Letter (र) is the second antstha letter.
10. Letter (इ) is the first Ushmana letter.
11. With it, the first vowel as of the format of 1-space dimensional frame is the set up of a single dimension with (-1) space playing the role of dimension of 1-space
12. Second vowel as of the format of a dimensional frame of 2space, as such is a set up of a pair of dimensions of value 0 each as that 0-space plays the role of dimension of 2-space.
13. Letter 'म्' is of base format for hyper cube 7.
14. Antstha letter 'र' is of value '3' (3-space) has the attainment during transcendence.
15. Letter 'इ' is of value 2 (2-space as the initiation stage for format of ascendance / transcendence upward.

16. This, this way from left to right from west to east organization progression format of formulation Rashmi at its initial stage is the attainment stage of 3-space during transcendence.
17. The second stage is of dimensional frame of 1-space.
18. As such 3-space with its three dimensional frame being a starting point and same being a synthetic set up of a pair of three dimensional frame of half dimension of opposite orientations, as such transition from first stage to the second stage of the formulation will be taking us from the set up of a three dimensional frame to the set up of a three dimensional frame of half dimensions (of negative orientation).
19. The third stage being of the format of Ushmana letter 'श' the same as such shall be providing a spatial format for the dimensions of a three dimensional frame of half dimensions of -1 space format.
20. One may have a pause here and take note that the transition from second stage to third stage as such shall be amounting to spatial order getting super imposed upon the linear order.
21. The fourth stage, as it is of value format of end reach of varga consonants 5 x 5 spatial format with it's the attainment would be of the order of spatial order which shall be creating creator's space (4-space) and accordingly the final fifth phase and stage shall be bringing us face to face with the geometric format of second power i.e. a dimensional frame of 2-space, a set up of pair of dimensions of 0 order.



22. One may have a pause here and take note that progression format of formulation Rashmi stood initiated with the 3-space format
23. And it finally in fifth progression stage being of zero dimensional order
24. One may have a pause here and take note that values wise reach is from value 3 to value 0 which amounts to accepting coverage format (3, 2, 1, 0), a hyper cube 2 format in its opposite orientation focus.
25. This focus as (3, 2, 1, 0) with 3-space as origin and 0-space as dimension shall be bringing us face to face with the structural flow of 3-space from origin ultimately manifesting as zero order.
26. One may have a pause here and take note that this reach had been from west to east orientation for the formulation Rashmi as per the availability of its five letters.
27. One may have a pause here and permit the transcending mind to visit and chase formulations Rashmi for its East to West orientation set up.
28. It shall be making varga consonant 'म्' as of first placement on the eastern side (side of the sun).
29. Letter (म्) accepts transcendental code value 9
30. One may have a pause here and take note that parallel to value 9 is format of 9 space.
31. Therefore the initiation point of such progression is 9 space Brahman domain / Nav Braham.
32. One may have a pause here and take note that formulation नव ब्रह्म् Nav Braham accepts transcendental code value 45

which is accepting re-organization as  $39 = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9$ .

33. The values reach  $(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9)$  is parallel to the synthetic set up of hyper cubes 1 to 9 of Sathapatya measuring rod of 9-space having exhaustive coverage of 9-space domain
34. With it the initiation point as such stand settled as 9 space domain in the role of origin.
35. One may have a pause here and take note that 9-space as origin is the origin fold of hyper cube 8 of self referral dimensional order (6-space) in the role of dimension.
36. One may have a pause here and take note that 6-space as origin of hyper cube 5 is of a solid dimensional order.
37. One may further have a pause here and take note that solid dimensional order means 3-space in the role of dimension.
38. Further as that 3-space leads to value 3.
39. Still further as that value 3 is parallel to transcendental code value 3 of letter र्
40. र् being the fifth letter of such progression from east to west, as such it is going to be a reach of the formulation Rashmi in its east to west orientation set up.
41. It would be a blissful exercise to have a chase of internal three letters progression values namely of letters श, इ, अ
42. One may have a pause here and take note that this set up of triple letters accept summation value  $2 + 2 + 1 = 5$
43. One may have a pause here and take note that the formulation Rashmi, accordingly with end values pair (9, 3) accepts middle value (5)

44. The values triple (9, 5, 3), is parallel to 9 numerals range accepting numeral 5 of middle placement and further as that 5 numerals range accepting numeral 3 as of middle placement.
45. One may have a pause here and take note that this will bring to focus the fluctuating role of middle placements as that same may be of middle placement like value 5 and simultaneously the same can be of end placement as numeral 5 is in the organization of 5 numerals range.
46. It would be a blissful exercise to chase and retrace the internal structural set up of the composition of formulation Rashmi in reference to the placements of its letter as per their respective transcendental code values.
47. It would further be blissful to chase this composition in terms of its pair of syllables of two and three letters respectively of transcendental code value  $3 + 1 = 4$  and  $2 + 2 + 9 = 13$
48. The values pair (4, 13) bring us face to face with the transition from (l) to (la)d
49. It further brings us face to face with 12 edged cube accepting 13th edge within 4-space.
50. Chase further is going to be very very blissful and it shall be bringing us face to face with the structured point fulfilled with 3space content tracing 1-space format

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