

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

List 2 Different aspects of Vedic Mathematics

Article 27

PUNAR JANAM

पुनर्जन्म

1. TRANSITION FROM LINEAR ORDER TO SPATIAL ORDER

- 1.1 Sadhakas fulfilled with intensity of urge to glimpse and imbibe the phenomenon of पुनर्जन्म (Punar Janam) chased by vedic systems, shall glimpse and imbibe the formats, features and values of transition from linear order to spatial order.
- 1.2 The synthesis of a pair of linear order ranges is of value $(31) = (1+2+3+4+5)+(1)+(1+2+3+4+5)$.
- 1.3 Synthesis of a pair of spatial order transcendence ranges is of value $(42) = (2+3+4+5+6)+(2)+(2+3+4+5+6)$.
- 1.4 One may have a pause here and take note that formulation पुनर्जन्म (Punar Janam) is of transcendental code value $19+23 = 42$.
- 1.5 One may further have a pause here and take note that values pair (19, 23) is end pair of values of transcendence range (19, 20, 21, 22, 23) of summation value $(19+20+21+22+23) = 105 = 5 \times 21 = 5 \times (1+2+3+4+5+6)$, which is parallel to the format of a Sathapatya measuring rod synthesized by hyper cubes 1 to 6, as a format of transcendental flow (5-space content flow).
- 1.6 One may further have a pause here and take note that 5-space plays the role of transcendental boundary of self referral domain (6-space domain).
- 1.7 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.

2. PAIR OF TRANSCENDENCE RANGES (15, 16, 17, 18, 19) AND (19, 20, 21, 22, 23)

- 2.1 Sadhakas fulfilled with intensity of urge to fully glimpse and to completely imbibe the values features and formats of transition from linear order to spatial order and the phenomenon of पुनर्जन्म (Punar Janam) (Rebirth), shall

- glimpse and imbibe the values and features of pair of transcendence ranges (15, 16, 17, 18, 19) and (19, 20, 21, 22, 23).
- 2.2 Transcendence range (15, 16, 17, 18, 19) is of summation value $15+16+17+18+19 = 85 = 5 \times 17$ and transcendental range (19, 20, 21, 22, 23) is of summation value $19+20+21+22+23 = 105 = 5 \times 21$.
 - 2.3 One may have a pause here and take note that $105+85 = 190 = 19 \times 10$, while $105-85 = 20 = (0+1+2+3+4)+(0)+(0+1+2+3+4)$, a synthesis value of a pair of transcendence ranges of zero order.
 - 2.4 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the transcendental domain (5-space domain) being enveloped within a creative boundary (4-space as boundary) of ten components.
 - 2.5 Further, one shall revisit value $190 = 19 \times 10$ as along the creative format of ten Components of transcendental domain.
 - 2.6 One may have a pause here and take note that 5-space plays the role of origin of 4-space.
 - 2.7 5-space is a solid order space and dimensional frame of 5-space is a set up of 5 solid dimensions of value $3 \times 5 = 15$.
 - 2.8 Further as that, 5-space domain accepts a Sathapatya measuring rod synthesized by hyper cubes 1 to 5, and as such, it provides format for transition from the transcendence range (15, 16, 17, 18, 19) to (19, 20, 21, 22, 23) as the difference value 20 as transition value from value 85 to value 105 is parallel to the synthesis value of a pair of transcendence ranges of zero order.
 - 2.9 One may have a pause here and take note that 4-space is a spatial order space and is having 0-space in the role of its dimension of dimension, and $2+2 = 2 \times 2 = (-2) \times (-2)$ and $0+0 = 0 \times 0 = (-0) \times (-0)$ facilitate the requisite transition.

3. FORMULATION जन्म JANAM

- 3.1 Formulation जन्म Janam is of transcendental code value (23).
- 3.2 Value 23 accepts organization as $23 = (3+5)+(3 \times 5)$.
- 3.3 One may have a pause here and take note that values pair (3, 5) is of the format of (3-space as dimension, 5-space domain).
- 3.4 One may have a pause here and take note that value (3+5) is of the format of 5-space domain superimposed with 3-space domain, a set up of 5-space domain coordinated by its solid dimensions.
- 3.5 Value 3×5 is parallel to the set up of a solid dimensional frame of five dimensions of 5-space.
- 3.6 Value $[(3+5)+(3 \times 5)]$ is of the format of 5-space domain coordinated by solid dimension being of expression within a solid dimensional frame of 5 solid dimensions, being the जन्म Janam (Birth) of a Being जीव (Jeev) has a transcendental phenomenon of transcendence of self referral origin (6-space

origin) of transcendental domain (5-space domain) and a result their of there being a transcendental spectrum of split of transcendental domain (5, 6, 5) of summation value $(5+6+5) = 16$, parallel to transcendental code value of formulation जीव (Jeev).

- 3.7 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 the Birth phenomenon.
- 3.8 One may have a pause here and take note that 6-space is presided by lord विष्णु Vishnu, and formulation विष्णु Vishnu is of transcendental code value 25 and values pair (23, 25) is of format of (23 as dimension and 25 as domain).
- 3.9 It will be blissful to take note that end pair values (15, 19) of transcendence range (15, 16, 17, 18, 19) brings us face to face with value 15 being parallel to transcendental code value 15 of formulation राम Ram, the incarnation of lord Vishnu during त्रेता युग and value 19 is parallel to TCV (कृष्ण), in carnation of lord Vishnu during (द्वापुर युग).
- 3.10 One may have a pause here and take note that formulation त्रेता युग is of transcendental code value $17+8 = 25$ and formulation द्वापुर युग is of transcendental ode value $27+8 = 35$.
- 3.11 It will be blissful to take note that value 35 with its organization $35 = 5 \times 7$ is parallel to grid format 5×7 which accommodates all 35 double digit numbers of 6 place value systems, while grid 4×6 accommodates all the 24 double digit numbers of 5 place value system and value 25 (of ten place value system) is of expression 100 along 5 place value system. Likewise value 36 of ten place value system is of expression 100 along 6 place value system.

4. REVISIT TRANSITION FROM LINEAR FORMAT VALUE N TO SPATIAL FORMAT VALUE N^2

- 4.1 Value 3 as dimension and value 5 as domain leads to:
 $(3+5)+(3 \times 5) = 23 = 25-2 = 5^2-2$.
- 4.2 And in general, value M as dimension and value (M-2) as domain leads to value $[\{(M)+(M+2)\} + \{(M) \times (M+2)\}] = (M+2)^2-2$.
- 4.3 One may have a pause here and take note that N^2 as domain leads to N^2-2 as dimension.
- 4.4 One shall sit comfortably and to permit the transcending mind to glimpse the relationship of N as domain and N^2 as domain.
- 4.5 One shall continuously remain in trans and to thoroughly appreciate the relationship of N as domain and N^2 as domain.
- 4.6 It will be blissful exercise to chase relationship of N domain with N^2 domain for $N = (1, 2, 3, 4, 5, 6, \dots)$.
- 4.7 One may have a pause here and take note that $1 = 1^2$.

- 4.8 As such, $(N-2, N)$ and N^2-2, N^2 , both will lead to the identical pairs of value $(-1, 1)$ and $(-1, 1)$.
- 4.9 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values, features and formats.

5. HYPER CUBE (1)

- 5.1 Hyper cube 1 is a four folds manifestation layers $(-1, 0, 1, 2)$ of summation value $(-1+0+1+2) = 2$.
- 5.2 One may have a pause here and take note that $0+0 = 0 = 0 \times 0 = (-0) \times (-0)$.
- 5.3 Further, $0 \times 1 = 0$.
- 5.4 Still further, $1 \times 1 = 1$.
- 5.5 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features of quadruple values $(-1, 0, 1, 2)$.
- 5.6 Further, one shall thoroughly appreciate as that, $(-1, +1)$ is a pair of values of format of a pair of opposite orientations.

6. HYPER CUBE (4)

- 6.1 Hyper cube 4 is a four folds manifestation layer $(2, 3, 4, 5)$ of summation value 14.
- 6.2 Value 14 is of organization $14 = 16-2 = 4^2-2$.
- 6.3 One shall sit comfortably and to permit the transcending mind to sequentially glimpse and imbibe the features of pair of values:
(i) $(2, 4) = (2, 2^2)$, (ii) $(4, 16) = (4, 4^2)$.
- 6.4 It will be blissful to take note that 2-space plays the role of dimension of 4-space.
- 6.5 Further, hyper cube 4 is representative regular body of 4-space and hyper cube 4 a four folds manifestation layer $(2, 3, 4, 5)$ of summation value 14.
- 6.6 Still further, dimensional frame of 4-space is a set up of quadruple spatial dimensions of value $2^4 = 16$.
- 6.7 One shall sit comfortably and to glimpse and imbibe these values.
- 6.8 It will be blissful to take note that formulation शरीर (Shreer) is of TCV value 14 and formulation जीव (Jeev) is of transcendental code value 16.
- 6.9 It would further be very blissful to take note that formulation पुरुष (Pursha) is of transcendental code value 24 and 24 points range has 23 gaps and value 23 is parallel to TCV value 23 of formulation जन्म (Janam).
- 6.10 It would further be very blissful to take note that values pair $(24, 42)$ constitute a reflection pair and formulation मोक्ष (Moksh) is of transcendental code value 24 while formulation पुर्नजन्म (Punar Janam) is of transcendental code value 42.

7. GLIMPSE DOMAIN 25 SPLIT SPECTRUM

- 7.1 Domain 25 split spectrum is of quadruple stream (25, 23, 23, 21) of summation value $(25+23+23+21) = 48+46$ and values pair (48, 46) is of format of (domain 48, dimension 46).
- 7.2 One may have a pause here and take note that value 48 is of organization $48 = 2 \times 4 \times 6$, which is parallel to the dimensional value of dimensional frame of 6-space of 6 creative dimensions of spatial dimension of dimension.
- 7.3 Value 46 constitute a reflection pair with (46, -46) and also as a reflection pair (46, 64).
- 7.4 One shall sit comfortably and to glimpse and imbibe the values features and formats of values range of end pair of values (-46, 64), which is 11 steps long range (-46, -35, -24, -13, -2, 9, 20, 31, 42, 53, 64).
- 7.5 One may have a pause here and take note that value 25 with organization $25 = 11+14$ and values pair (11, 14) as end pair of value of four folds manifestation layer (11, 12, 13, 14) permit extension as a five folds manifestation layer (11, 12, 13, 14, 15).
- 7.6 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features.

8. BLISSFUL EXERCISE

- 8.1 It will be a blissful exercise to chase relationship of pairs of domains (1, 1²), (2, 2²), (3, 3²), (4, 4²), (5, 5²), (6, 6²), (7, 7²), (8, 8²), (9, 9²), (10, 10²).
- 8.2 Further to chase pairs of dimension domain formats:
 - (i) (-1, 1), (0, 2), (1, 3), (2, 4), (3, 5), (4, 6), (5, 7), (6, 8), (7, 9), (8, 10).
 - (ii) (-1, 1), (2, 4), (7, 9), (14, 16), (23, 25), (34, 36), (47, 49), (62, 64), (79, 81), (98, 100).
- 8.3 It would further be blissful exercise to chase $98 = 49+49 = 7^2+7^2$.
- 8.4 Still further, it will be a blissful exercise to chase $81 = 9^2 = 3^4$.
- 8.5 And, $97 = 2^4+3^4$ and $97 = (7+8+9+10+11)+(7)+(7+8+9+10+11)$.

9. CHASE SET OF VALUE ALONG HYPER CUBE FORMAT AS QUADRUPLE VALUE (-1, 0, 1, 2)

- 9.1 To glimpse and imbibe the relationship of N domain with N² domain and the phenomenon of जन्म (Janam) and पुर्नजन्म (Punar Janam).
- 9.2 To chase formulation अथ शब्दअनुशासन (Ath Shabd-anu-shasan) to initiate oneself for शब्दअनुशासन (Shabd-anu-shasan).
- 9.3 One may have a pause here and take note that formulation अथ शब्दअनुशासन (Ath Shabd-anu-shasan) is of transcendental code value $7+46 = 53$.
- 9.4 Value 53 is parallel to synthesis value of a pair of solid order transcendence range: $(3+4+5+6+7)+(3)+(3+4+5+6+7) = 53$.

- 9.5 Value 46 constitute a pair of reflection pairs (46, -46) and (46, 64) leading to 11 steps long values range (-46, -35, -24, -13, -2, 9, 20, 31, 42, 53, 64) as values of synthesis of pair of transcendence ranges of orders (-6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4).
- 9.6 It would be blissful to take note that quadruple formulations ऋक, यजु, साम, अथर्व are of quadruple transcendental code value (5, 11, 15, 17) of summation value (5+11+15+17 = 48).
- 9.7 It would further be blissful to take note that formulation आनन्त (Aanant) is of transcendental code value 23, and formulation सहस्र as well is of transcendental code value 23.
- 9.8 It will further be blissful to take note that value range 1 to 10 has single perfect number value (6), while number values range 1 to 100 has a pair of perfect number values (6, 28) and number values range 1 to 1000 has triple perfect number values (6, 28, 496) and these triple values have (3, 5, 9) number of proper divisors with (3, 7, 31) being the respective biggest proper prime divisors.
- 9.9 It would further be blissful to take note that 2-space has 5 geometries range, 5-space as 11 geometries range, 11-space as 23 geometries range and 23-space as 47 geometries range with (2, 5, 11, 23, 47) being the transcendence range of primes and Srimad bhagwad geeta chapter-1 is of 47 shalokas range.
- 9.10 It would further be blissful to take note that chapter-1 and chapter-6 both of srimad bhagwad geeta are of 47 shalokas range and pair of dimensions of value 47 synthesis value 49.
- 9.11 It would be blissful to revisit (7-domain and 7^2 domain).
- 9.12 It would further be very blissful to glimpse formulation अथ Ath being of transcendental code value 7 as the biggest proper prime divisor of second perfect number value 28 and the product value of all the five proper divisors of number value 28 being (1x2x4x7x14 = 784) which makes a dimension-domain format with transcendental value 786.
- 9.13 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to fully glimpse and completely imbibe these values for perfection of once intelligence for being within the Vedic domain for chase of unified format of existence phenomenon of our solar universe within and without frame including human frame.

10. VALUES RANGE 1 TO 42

- 10.1 Sadhakas fulfilled with intensity of urge to properly glimpse and imbibe the Vedic processing steps along artifices of numbers shall visit number values ranges in the light of the number of factors of respective values ranges.

10.2 Here in the context of पुर्नजन्म (Punar Janam) formulation of transcendental code value 42, one shall visit the factor range of values range 1 to 42, which for reference is being tabulated here under:

Num	Factors	Number of factors	Total factors
1	1	1	1
2	2	1	2
3	3	1	3
4	2x2	2	5
5	5	1	6
6	2x3	2	8
7	7	1	9
8	2x2x2	3	12
9	3x3	2	14
10	2x5	2	16
11	11	1	17
12	2x2x3	3	20
13	13	1	21
14	2x7	2	23
15	3x5	2	25
16	2x2x2x2	4	29
17	17	1	30
18	2x3x3	3	33
19	19	1	34
20	2x2x5	3	37
21	3x7	2	39

Num	Factors	Number of factors	Total factors
22	2x11	2	41
23	23	1	42
24	2x2x2x3	4	46
25	5x5	2	48
26	2x13	2	50
27	3x3x3	3	53
28	2x2x7	3	56
29	29	1	57
30	2x3x5	3	60
31	31	1	61
32	2x2x2x2x2	5	66
33	3x11	2	68
34	2x17	2	70
35	5x7	2	72
36	2x2x3x3	4	76
37	37	1	77
38	2x19	2	79
39	3x13	2	81
40	2x2x2x2x5	4	85
41	41	1	86
42	2x3x7	3	89

10.3 One may have a pause here and take note that values range 1 to 23 is of factor range 42, which brings us face to face with TCV value of formulation जन्म (Janam) being 23 while TCV value of formulation पुर्नजन्म (Punar Janam).

10.4 It will further be blissful to take note that value range 1 to 42 gives rise to 89 factors and value 89 with its organization $89 = 42+47$ and $47 = 2x23+1$, provides us insight about the features of chase steps of Vedic systems as words formulations of transcendental code values. ■