

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

### List 2 Different aspects of Vedic Mathematics

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#### Article 30

#### SPLIT AND SYNTHESIS OF DIMENSIONAL FOLDS

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##### 1. MANIFESTATION CREATION

- 1.1 Sadhakas fulfilled with intensity of urge to glimpse and imbibe values features and formats of Existence Phenomenon of Solar Universe shall sit comfortably and to permit the transcending mind to glimpse and imbibe the phenomenon of manifestation creations, within and without frame.
- 1.2 Manifestation creations within frames are of four folds manifesting within creator's space (4-space) along the format of idol of lord Brahma, over lord of real 4-space.
- 1.3 Manifestation creations without frames are the five folds transcendental creations, with first quadruple folds being parallel to the four folds of creations within frames, while fifth fold is the transcendental base of origin fold.
- 1.4 Four folds of manifestation creations within frames are designated being dimension fold, boundary fold, domain fold and origin fold.
- 1.5 The fifth fold of the manifestation creations without frames is the base fold, designated as the transcendental fold and it is of the role of base of the origin fold.
- 1.6 Sadhakas fulfilled with intensity of urge to glimpse and imbibe values and features of manifestation creations within and without frames shall sequentially glimpse and imbibe the values and features of all the five folds.

##### 2. SPACE CONTENT AS DOMAIN FOLD

- 2.1 Space content for playing its role as folds of manifestation creations, plays its as domain fold(s).
- 2.2 One shall sit comfortably and to permit the transcending mind to glimpse space content, as content lump, manifesting itself, as domain fold, and then playing its other roles as dimension fold, boundary fold, domain within domain fold, origin fold and base fold.
- 2.3 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to be face to face with the phenomenon of a domain within a domain (fold).

- 2.4 To acquire insight and to attain enlightenment about this phenomenon, one shall be face to face with the set up of a cube within a cube.
- 2.5 One may have a pause here and to distinctively be face to face with a set ups of outer and inner cubes.
- 2.6 The inner cube is of all of its constituents being of 3-space contents, while the outer cube is having its constituents of different space contents like volume, being of 3-space contents, surface being of 2-space contents, edges being of 1-space content and corner points being of 0-space content.
- 2.7 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these features of space content manifesting as domain within domain.

### **3. DIMENSIONAL SPACES CONTENTS**

- 3.1 Phenomenon of space content dimensionalizing itself as a sequence of dimensional space contents, deserve to be glimpsed well for its complete comprehension to have through appreciation there off to acquire proper insight and to attain appropriate enlightenment about it.
- 3.2 Illustratively, a space within a three dimensional frames transits into a 3-space content manifesting as 3-space domain within frames, and also as 3-space domain within 3-space domain, as of existence without frames.
- 3.3 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe values and features of 3-space content as 3-space domain in its roles as solid dimensions (3-space content domain in the role of dimension), solid boundary (3-space content domain in the role of boundary fold of hyper cube-4, the body of 4-space), solid domain (3-space content as domain fold of hyper cube 3, body of 3-space), solid origin (3-space content domain as origin fold of hyper cube 2, body of 2-space) and solid base (3-space content domain as base fold of hyper cube 1, body of 1-space).
- 3.4 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse different roles of N-space content domain as dimensional fold of hyper cube (N+2), boundary fold of hyper cube (N+1), domain fold of hyper cube (N), origin fold of hyper cube (N-1) and base fold of hyper cube (N-2).

### **4. SIMULTANEOUS MANIFESTATION OF SPACES CONTENTS**

- 4.1 Sadhakas fulfilled with intensity of urge to glimpse and imbibe the unified form of Existence Phenomenon of our Solar Universe, within and without frame, shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to be face to face with the phenomenon of simultaneous manifestation of spaces contents.

- 4.2 Further, sadhakas fulfilled with intensity of urge to glimpse and imbibe the values and features of organization format of Vedic knowledge shall permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the phenomenon of manifestation of five consecutive dimensional spaces contents.
- 4.3 Illustratively, one is to chase simultaneous manifestation of (1-space content domain, 2-space content domain, 3-space content domain, 4-space content domain, 5-space content domain).
- 4.4 This manifestation phenomenon is of values features and formats of manifestation as (1-space content as dimensional fold, 2-space content as boundary fold, 3-space content as domain fold, 4-space content as origin fold, 5-space content as base fold).
- 4.5 One may have a pause here and take note that this manifestation makes a set up of cube (hyper cube -3) being a set up within a dimensional frame of 3 linear axes, spatial boundary of 6 surface plates, solid domain of 8 Components, centre of the cube as a seat of 4-space origin of spatial order, and transcendental base of solid order enveloped within creative boundary of ten components.
- 4.6 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to sequentially glimpse and imbibe values, features and formats of dimensional fold, boundary fold, domain fold, origin fold and base fold of hyper cube -3 (Cube), the representative regular body of 3-space within 4-space manifesting along the format of idol of lord Brahma, over lord of real 4-space.
- 4.7 In general, one shall sequentially glimpse and imbibe manifestation of hyper cube N as a five folds range (N-2) space content domain as dimensional fold, (N-1) space content domain as boundary fold, (N) space content domain as domain fold, (N-1) space content domain as origin fold, N+2) space content domain as base fold.
- 4.8 It will be a blissful exercise to chase manifestation of hyper cubes 1, 2, 3, 4, 5, 6 as five folds transcendence ranges (-1, 0, 1, 2, 3), (0, 1, 2, 3, 4), (1, 2, 3, 4, 5), (2, 3, 4, 5, 6), (3, 4, 5, 6, 7), (4, 5, 6, 7, 8).

## 5. SPLIT AND SYNTHESIS OF FOLDS

- 5.1 Sadhakas fulfilled with intensity of urge to properly glimpse and imbibe the phenomenon of manifestation of five folds transcendence ranges shall perfect their intelligence by being face to face with the phenomenon of split and synthesis of five folds, namely, dimensional fold, boundary fold, domain fold, origin fold and base fold.

- 5.2 For it, one shall be sequentially face to face with the set ups of dimensional frames of, enveloping boundaries, split of domains, transcendence at origin and compactification of origin of base fold with origin of domain fold.

## 6. **SPLIT OF 3 DIMENSIONAL FRAMES**

- 6.1 One shall sit comfortably and to be face to face with the phenomenon of split of a three dimensional frames into a pair of three dimensional frame of half dimensions.
- 6.2 It will be a blissful exercise to chase the phenomenon of three dimensional frames of half dimensions being embedded in all the eight corner points of the cube.
- 6.3 Further, it would be a blissful exercise to chase the synthesis phenomenon of eight three dimensional frame of half dimensions embedded into 8 corner points of the cube synthesizing as quadruple three dimensional frames of full dimensions.
- 6.4 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of the trans and to glimpse and imbibe the phenomenon of split and synthesis of a three dimensional frame, in general, of N dimensional frame.

## 7. **ENVELOPING SPATIAL BOUNDARY**

- 7.1 Enveloping spatial boundary of hyper cube 3 (cube) is a set up of 6 Components ( $A^3:6B^2$ ).
- 7.2 Organization (2, 4) of spatial boundary is of the format of (2-space dimension, 4-space domain).
- 7.3 Take off of spatial boundary component will dimensionalize the outer space (space outside 3-space) as a spatial order 4-space.
- 7.4 One may have a pause here and take note that origin fold of hyper cube-3 is also a spatial order 4-space.
- 7.5 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these features of the set up of hyper cube-3.

## 8. **TRANSCENDENCE WITHIN 3-SPACE DOMAIN**

- 8.1 Transcendence within 3-space domain is along a linear dimensional format. Spatial dimensional order superimposition upon the linear order of 3-space domain, results into transition and transformation of a linear order 3 dimensional frame into a spatial order 3 dimensional frame and as a result their of, 3 space domain splits into eight sub domains.
- 8.2 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe this phenomenon of split of 3-space into eight octaves, parallel to it a split of a cube into 8 sub cubes.

## 9. SATHAPATYA MEASURING ROD OF 3-SPACE

- 9.1 Sathapatya measuring rod of 3-space is of the format of a synthetic set up of the formats of interval (hyper cube-1), square (hyper cube-2), and cube (hyper cube-3).
- 9.2 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe the phenomenon of manifestation of 3-space content along the formats of single axis, a pair of axes, and all the triple axes setups.
- 9.3 It will be a blissful exercise to glimpse and imbibe the set up of a cube within a cube and to appreciate distinctive features of outer cube and inner cube.

## 10. CENTER OF THE CUBE

- 10.1 Center of the cube is the dual status, firstly being as a point of 3-space domain, and secondly as a seat of spatial order 4-space origin (fold).
- 10.2 It will be a blissful exercise to glimpse and imbibe centre of the cube as a 4-space domain point enveloped within a solid boundary of eight Components of 3-space.
- 10.3 It would further be a very blissful exercise to glimpse and imbibe the collapse of a cube at its centre.
- 10.4 It would further be a very blissful exercise to glimpse center of the cube as a seat of inner most corner points of eight sub cubes of cube.
- 10.5 It would further be very blissful to glimpse center as common origin of quadruple 3 dimensional frame synthesized by quadruple pair of 3 dimensional frames of half dimensions embedded in the corner points of cube translating along the internal diagonal having a reach uptill centre of the cube.
- 10.6 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these features and values.
- 10.7 Further, one shall also permit the transcending mind to glimpse centre of the cube as a seat of compactified origin of domain fold, as well as of base fold.

## 11. TWO FOLDS TRANSCENDENCE THROUGH ORIGIN FOLD

- 11.1 Sadhakas fulfilled with intensity of urge to glimpse and imbibe the phenomenon of transition and transformation of four folds manifestation layers into five folds transcendence range shall glimpse two folds transcendence through origin fold.
- 11.2 Base fold, with its solid dimensional order, leads to transcendence through origin fold of its spatial order into domain fold of linear order and there by there being superimposition of spatial order upon its linear order and this upward transcendence to be of a reach uptill the spatial boundary.
- 11.3 One shall further have a pause here and to glimpse and imbibe the inward transcendence from the boundary fold of zero order and it translating through

the linear order and having its reach at the origin fold of spatial order and a step ahead, being of a reach at solid order base.

- 11.4 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe two folds transcendence phenomenon through the origin fold.

## 12. CONSTITUENTS OF DIMENSIONAL FOLD

- 12.1 Sadhakas fulfilled with intensity of urge to fully glimpsed and to thoroughly comprehend the two folds transcendence phenomenon through the origin fold shall completely appreciate values, features and format of अव्यव (constituents) of आयाम (dimension).
- 12.2 Formulation अव्यव (constituents) is of transcendental code value (19) while formulation आयाम (dimension) is of transcendental code value (15).
- 12.3 One may have a pause here and take note that value pair (15, 19) is end pair of values of 5 folds transcendence range (15, 16, 17, 18, 19).
- 12.4 One may further have a pause here and take note that 5 points range is of quadruple gaps.
- 12.5 One may further have a pause here and take note that domain (19) with its split shall be leading to quadruple stream (19, 17, 17, 15) of summation value  $19+17+17+15 = 68 = 4 \times 17$ , while the transcendence range (15, 16, 17, 18, 19) is of summation value  $15+16+17+18+19 = 85 = 5 \times 17$ .
- 12.6 One may have a pause here and take note that in reverse orientation, the transcendence range (-19, -18, -17, -16, -15) is of summation value (-85) and quadruple split streams (-15, -17, -17, -19) is of summation value (-68).
- 12.7 One may have a pause here and have a visit to the formulation (अव्यव):

(अव्यव)

$$(1+7+1+1+1+7+1 = 19)$$

|   |    |   |    |   |    |   |
|---|----|---|----|---|----|---|
| अ | व् | अ | य् | अ | व् | अ |
| 1 | 7  | 1 | 1  | 1 | 7  | 1 |

- 12.8 Unity state (7 steps) range (1, 7, 1, 1, 1, 7, 1) is of symmetrical feature of values steps for reach at middle from both ends.
- 12.9 It accepts reversal of orientations without affecting the placement for the unity range steps values.
- 12.10 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these features of formulation (अव्यव).
- 12.11 One may further have a pause here and take note that value 68 (being summation value of domain split stream values (19, 17, 17, 15), accepts organization as  $68 = 34+34 = (7+8+9+10)+(7+8+9+10)$  with quadruple values (7, 8, 9, 10) being parallel to four folds manifestation layer (7, 8, 9, 10)

of hyper cube 9 of unity state order (7-space in the role of dimension of 9-space).

- 12.12 One shall further have a pause here and take note that value 68 is parallel to the summation value of TCV value of Panch Maha Bhut formulation (पृथ्वी (25) (Prithivi), आप (8) (Aap), अग्नि (14) (Agni), वायु (13) (Vayu), आकाश (8) (Akash): $68 = 25+8+14+13+8$ ).
- 12.13 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features.

### 13. PANCH MAHA BHUT SURYA

- 13.1 Sadhakas fulfilled with intensity of urge to fully glimpse and to completely imbibe the unified format of existence phenomenon of solar universe within and without frame, including human frame shall simultaneously glimpse पंच, महा, भूत, सूर्य (Panch Maha Bhut Surya).
- 13.2 Formulation पंच, महा, भूत, सूर्य is of transcendental code value  $(15+40+13) = 68$ .
- 13.3 Formulation range (पृथ्वी (25) (Prithivi), आप (8) (Aap), अग्नि (14) (Agni), वायु (13) (Vayu), आकाश (8) (Akash) also leads to value  $(25+8+14+13+8) = 68$ .

### 14. VALUES PAIR (-68, 86)

- 14.1 Values pair (-68, 86) is the end pair of values range (-68, -57, -46, -35, -24, -13, -02, 9, 20, 31, 42, 53, 64, 75, 86).
- 14.2 This is 17 steps long range.
- 14.3 Value  $68 = 17 \times 4$ .
- 14.4 Value  $85 = 17 \times 5$ .
- 14.5 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values to comprehend and imbibe the phenomenon of 'split and synthesis of dimensional folds' of hyper cube 17 of transcendence range (15, 16, 17, 18, 19) of summation value 85, and the base fold (19) leading to domain split quadruple stream (19, 17, 17, 15) of summation value  $19+17+17+15 = 68 = 17 \times 4$ .

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