VEDIC MATHEMATICS

&

MODERN MATHEMATICS

SATHAPATYA MEASURING ROD
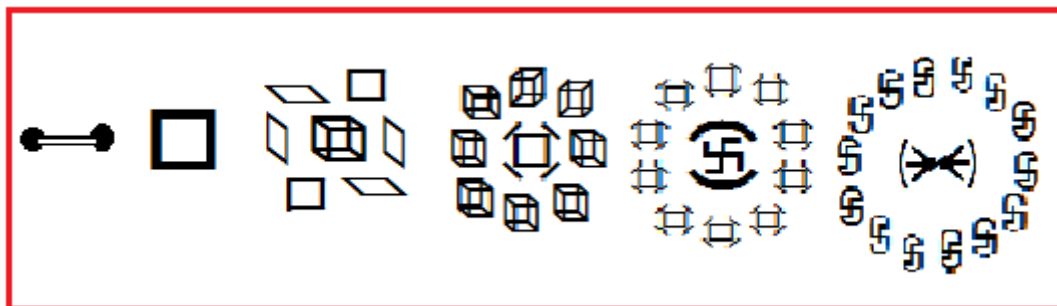
(HYPER CUBES 1 TO 6)

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Second WEEK CHASE ASPECT
(2-space content)
(29-10-2015 to 4-11-2015)
Second Week Day 04

I.	Sathapatya :	(9)	Spatial boundary (2-Space in the role of boundary)
II.	Srimad Bhagwad Geeta :	(7)	Range of first nine chapters and range of last nine chapters
III.	Devnagri Alphabet :	(7)	Features of the Devnagri script form
IV.	Shiv Sahastranam Stotram	(5)	Table of two fold transitions from ranges values 4 to 11 to ranges 4-11

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I
Second Week Day 04 Sathapatya :
(9)
Spatial boundary (2-Space in the role of boundary)

1. 0-Space plays the role of boundary fold of hyper cube-1.

2. 1-Space plays the role of boundary fold of hyper cube-2.

3. 2-Space plays the role of boundary fold of hyper cube-3.

4. Let us have a pause here and have a fresh look at the set up of cube (hyper cube-3).

5. Let us further have a pause and have a revisit the set up of a sphere.

6. The domain boundary ratio for cube as well as for sphere accepts common formulation $A^3 : 6B^2$.

7. One may further have a pause here and take note that the set up of the sphere (and of cube), is of the form and format of solid (volume) enveloped within spatial boundary (fold).

8. One may further have a pause here and take note that the geometric envelope of cube, infact, as such is stitched set up of 8 corner points, 12 edges and 6 surfaces

9. In the context, it would be relevant to note that points and corner points and edges being points and lines are devoid of 'area'

10. Only 6 surface plates contribute towards surface area of the spatial boundary.

11. One may further have a pause here and take note that the above set up as it is, is of the feature of 3-Space content manifestation as domain fold is wrapped within 2-Space content manifestation as a boundary (fold).

12. Here in the context, it also would be relevant to take note that the domain fold (volume) because of 3-Space content lump enveloped within spatial boundary is in an integrated state because of a 3 dimensional frame with origin super imposed upon center of the cube / sphere / origin fold of hyper cube-3 / 3-Space.

13. One may further have a pause here and take note that the origin fold of hyper cube-3 is of spatial order set up (hyper cube-4 set up with 2-Space in the role of dimension).

14. One may have a further pause here and take note that the super imposition of the origin of the dimensional frame at seat of origin fold of hyper cube- 3 makes the domain fold itself as sealed domain.

15. One may further have a pause here and take note that in case of transcendence from origin (spatial order origin).

16. The spatial order would get super imposed upon the linear order of the domain fold.

17. One may further have a pause here and take note that in such a situation there would be a spatial boundary enveloping the domain fold and further because of the linear order of the domain fold would get super imposed by the spatial order.

18. It is this format and features, which deserve to be comprehended well.

19. This format and features deserve to be imbibed fully.

20. It is with the appreciation of this format and features that one shall be acquiring proper insight and enlightened vision about this format.

21. The modern mathematics approach of remaining at the surface and expecting coverage of the domain is the falsity of comprehension.

22. The domain permits approach in terms of its boundary and simultaneously it also permits approach by transcendence and super imposition of the spatial order upon the linear order of the domain (fold).

23. One shall sit comfortably and permit the transcending mind to fully comprehend and imbibe the values of this Phenomenon.

24. Modern systems deserve to be augmented by adopting the above approach format for the domain fold.

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Organization format of Srimad Bhagwad Geeta

Srimad Bhagwad Gita Study - Zone										
a	a^2	a^3	a^4	a^5 a^6 a^5			a^2	a^3	a^4	___
2	$4a$	$6a^2$	$8a^3$	$10a^4$	$12a^5$	$10a^4$	$8a$	$6a^2$	$4a^2$	
⌐	□	⬡	⬛	§ $10x5=50$	☒	§ $10x5=50$	☒	⬡	□	⌐
2x1 =2	4x2 =8	6x3 =18	8x4 =32	50x7=350	50x7=350		8x4 =32	6x3 =18	4x2 =8	2x1 =2
Orbitals				350+350=700						
2	6	10	14	18=5+6+7						

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Second Week Day 04: Srimad Bhagwad Geeta
7
Range of first nine chapters and range of last nine chapters

1. Range of first 9 chapters of Srimad Bhagwad Geeta comes to the range of $(47 + 72 + 43 + 42 + 29 + 47 + 30 + 28 + 34)$ of summation value 372 shalokas range.

2. Range of last 9 chapters of Srimad Bhagwad Geeta comes to the range of $(78 + 28 + 24 + 20 + 27 + 34 + 20 + 55 + 42)$ with summation value 328 shalokas range.

3. The artifices pair (372, 328) permits re-organization as $(350 + 22)$, $(355-22)$

4. One may have a pause here and take note that the range of first 9 chapters is of value 22 more than the half range value (350).

5. On the other hand the range value of last 9 chapters is 22 units less than the middle value range (350).

6. One may further have a pause here and take note that the artifice 22 permits re-organization as $22 = 4 + 5 + 6 + 7$ which is parallel to quadruple artifices (4, 5, 6, 7) which is further parallel to four fold manifestation layers (4, 5, 6, 7) of hyper cube-6.

7. One may further have a pause here and take note that the last shaloka of chapter 9 of Srimad Bhagwad Geeta is marking it repetitive presence in shaloka 65 of chapter 18 of Srimad Bhagwad Geeta.

8. One may further have a pause here and take note that shaloka 65 of chapter 18 is 13 steps away form the last (shaloka 78) of chapter 18 of Srimad Bhagwad Geeta.

9. One may further have a pause here and take note that artifice 13 accepts re-organization as $13 = 2 \times 6 + 1$ which is parallel to 13 geometries range of 6-Space which further is parallel to 13 versions range of hyper cube- 6 itself..

10. One may have a pause here and permit the transcending mind to be face to face with the above features of the organization format of the text of Srimad Bhagwad Geeta.

11. It would be blissful to glimpse the features of the format of hyper cube-6 and the features of organization format of Srimad Bhagwad Geeta to have insight about Srimad Bhagwad Geeta itself.

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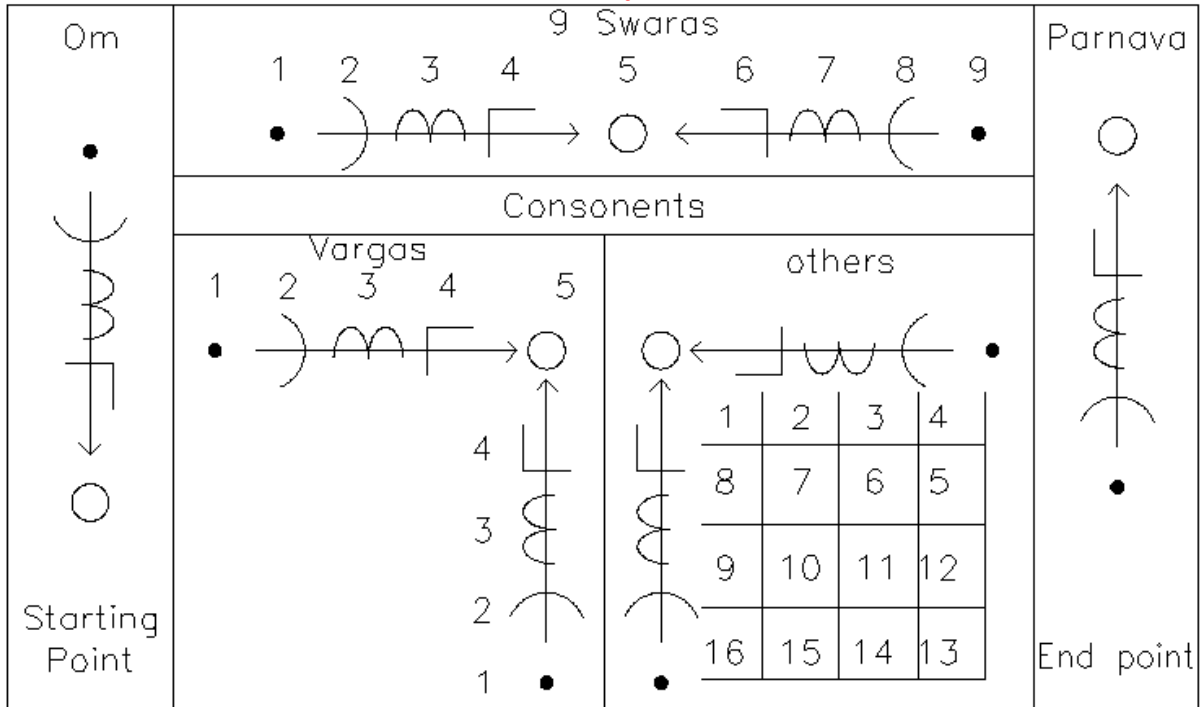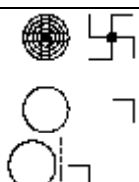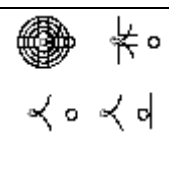
First Week Day 04 : Devnagri Alphabet
7
Features of the Devnagri script form

1. *The features of script forms of Devnagri alphabet letters deserve to be chased as these forms as well are preserving very valuable values.*
2. *First feature of these forms is that these are accepting spatial components (2-Space curves components.*
3. *Further these forms are availing some specific curves like circle, quarter of Swastik and so on.*
4. *Script form of each letter is having a minimum of two components each.*
5. *The composite form of each letter is framed within a square which permits split into four quarters, and quarter further permits split into four sub quarters.*
6. *One component of the script form of the letter, as such gets a placement within sub quarter, are in more than one sub quarter at a time.*
7. *Here below is attempted to reach at distinct components of script forms of different letters of Devnagri alphabet.*

ग	ध
ड़	च
SHIV LINGAM AT THE MIDDLE fig-con· 5	
छ	ज
झ अ	ट
ठ	ड
ढ़	ण
त	थ
द	ध
न	प

फ	ब
भ	म
य	र
ल	व
श	स
ष	ह

8. One shall sit comfortably and permit the transcending mind to glimpse the format and features of Script forms of individual letters.
9. One shall further sit comfortably and to comprehend distinct components of script forms of individual letters of Devnagri alphabet.

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IV
SHIV SAHASTRANAM STOTRAM
(One thousand transcendental formulations)

	5 x 5 format			
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
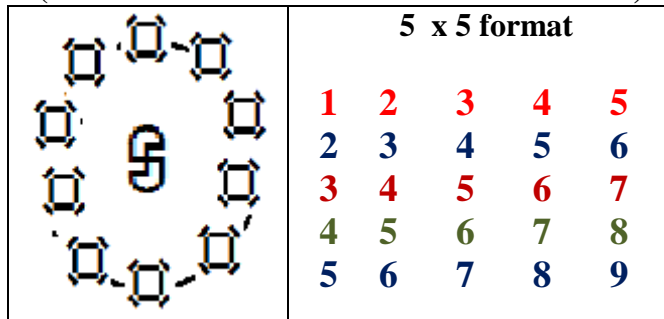
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Table of two fold transitions from ranges values 4 to 11 to ranges 4-11

Step – 1
Consolidated table of inward and outward flow from each range of set of names

Sr. no	Number of names	Inward flow frequency	Outward flow frequency	Total frequency	Grand total Frequency
1	4	1	1	2	2
2	5	2	2	4	6
3	6	6	6	12	18
4	7	6	5	11	29
5	8	8	7	15	44
6	9	5	4	9	53
7	10	4	4	8	61
8	11	1	2	3	64

Step – 2
Table of equal values pairs and triples
for the range 4, 5, 6, 7, 8, 9, 10, 11

Sr. no	Number of names	Equal values pair	Total pairs	Grand Total Of pairs	Equal values triples	Total triples	Grand total of triples
1	4	------	------	------	------	------	------
2	5	1	1	1	------	------	------
3	6	------	------	------	2	2	2
4	7	6	1	7	1	1	3
5	8	7	7	14	1	1	4
6	9	2	2	16	1	1	5
7	10	------	------	------	------	------	------
8	11	------	------	------	------	------	------

Step – 3
Table of double digit reflecting pairs
numbers for the range (4, 5, 6, 7, 8, 9)

Sr. no	Double digit number	Reflection Pair	Total
1	44	44, 44	1
2	45	45, 54	2
3	46	46, 64	2
4	47	47, 74	2
5	48	48, 84	2
6	49	49, 94	2
7	55	55, 55	1
8	56	56, 65	2
9	57	57, 75	2
10	58	58, 85	2
11	59	59, 95	2
12	66	66, 66	1
13	67	67, 76	2
14	68	68, 86	2
15	69	69, 96	2
16	77	77, 77	1

17	78	78, 87	2
18	79	79, 97	2
19	88	88, 88	1
20	89	89, 98	2
21	99	99, 99	1

Step – 4
Table of double digit reflecting pairs numbers for the range (4, 5, 6, 7, 8, 9)

Double digit numbers and parallel transitions
for the range 4, 5, 6, 7, 8, 9

Sr. no	Double digit number	Corresponding transition	Transition Pair	Total
1	44	nil	Nil	0
2	45	Nil	Nil	0
3	46	(4, 6)	Nil	½
4	47	Nil	Nil	0
5	48	(8, 4)	Nil	½
6	49	Nil	Nil	0
7	55	(5, 5)	(5, 5), (5, 5)	1
8	56	(5, 6)	(5, 6), (6, 5)	1
9	57	Nil	Nil	0
10	58	(5, 8)	(5, 8), (8, 5)	1
11	59	(5, 9)	(5, 9), (9, 5)	1
12	66	(6, 6)	(6, 6), (6, 6)	1
13	67	(6, 7)	(6, 7), (7, 6)	1
14	68	(6, 8)	(6, 8), (8, 6)	1
15	69	Nil	Nil	0
16	77	(7, 7)	(7, 7), (7, 7)	1
17	78	(7, 8)	(7, 8), (8, 7)	1
18	79	(7, 9)	(7, 9), (9, 7)	1
19	88	(8, 8)	(8, 8), (8, 8)	1
20	89	(8, 9)	(8, 9), (9, 8)	1
21	99	(9, 9)	(9, 9), (9, 9)	1

Step – 5
Table of double digit reflecting pairs numbers for the range (4, 5, 6, 7, 8, 9, 10, 11) with (10, 11)

Double digit numbers and parallel transitions
for the range 4, 5, 6, 7, 8, 9, 10, 11

Sr. no	Double digit number	Corresponding transition	Transition Pair	Total
1	104	(10, 4) NA		
2	105	(10, 5) NA		
3	106	(10, 6) NA		
4	107	(10, 7)	(10, 7), (7, 10)	
5	108	(10, 8)	(10, 8), (8, 10)	
6	109	(10, 9)	(10, 9), (9, 10)	
7	110	(10, 10) NA		
8	111	(10, 11) NA		
9	114	(11, 4) NA		
10	115	(11, 5) NA		
11	116	(11, 6) NA		
12	117	(11, 7)	(11, 7), ----	
13	118	(11, 8)	(8, 11), (11, 8)	
14	119	(11, 9)	(9, 11), (11, 9)	
15	120	(11, 10) NA		
16	121	(11, 11) NA		

Step – 6
Table of double digit numbers of ten place value

01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36

37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99

Step – 7
Table of upper half of double digit numbers of ten place value

	01	02	03	04	05	06	07	08	09
	10	11	12	13	14	15	16	17	18
		20	21	22	23	24	25	26	27
			30	31	32	33	34	35	36
				40	41	42	43	44	45
					50	51	52	53	54
						60	61	62	63
							70	71	72
								80	81
									90

Step – 8
able of lower half of double digit numbers
of ten place value

19								
28	29							
37	38	39						
46	47	48	49					
55	56	57	58	59				
64	65	**66**	67	68	69			
73	74	75	76	**77**	78	79		
82	83	84	85	86	87	**88**	89	
91	92	93	94	95	96	97	98	**99**

Step – 9
Table of dimension fold – domain fold coordination

Sr	Dimensional order	Dimensional value	Domain value	Summation value
1	Linear	31	33	64
2	Spatial	42	44	66
3	Solid	53	55	108
4	Hyper sold 4	64	66	130
5	Hyper sold 5	75	77	132*
6	Hyper sold 6	86	88	154
7	Hyper sold 7	97	99	196

Dr. S. K. Kapoor
Ved Ratan

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