

**Vedic Mathematics, Science & Technology
Teacher Course**

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HYPER CUBE WISE FEATURES TABULATION

This day the course focus is upon ‘hyper cube wise features tabulations’. It four folds aspects being taken up are as follows:

- 37. Hyper cube wise features tabulation.
- 38. Srimad bhagwat geeta study zone
- 39. 12 place value system.
- 40. 6 space Mathematics

The values being covered are to be taught as lessons numbers 37 to 40 to the students of 6-space Vedic Mathematics, Science & Technology.

LESSON-37

HYPER CUBEWISE FEATURES TABULATION

Feature	1 space	2 space	3 space	4 space	5 space	6 space	7 space
(1)Body	Hyper	Hyper cube	Hyper cube	Hyper cube	Hyper cube	Hyper cube	Hyper cube

	cube -1	-2	-3	-4	-5	-6	-7
(2)Domain	A^1	A^2	A^3	A^4	A^5	A^6	A^7
(3)Boundary	$2a^0$	$4 A^1$	$6 A^2$	$8 A^3$	$10 A^4$	$12 A^5$	$14 A^6$
(4) Dimension	(-1) spac e	(0) Spac e	(1) Spac e	(2) Spac e	(3) Spac e	(4) spac e	(5) spac e
(5) Dimensional Frame	1 axis	2 Axes	3 axes	4 Axes	5 axes	6 axes	7 axes
(6) Dimensional Value	(-1)	0	3	8	15	24	35
(7) Geometries	3	5	7	9	11	13	15
(8) Four folds	-1 0 1 (2)	0 1 2 (3)	1 2 3 (4)	2 3 4 (5)	3 4 5 (6)	4 5 6 (7)	5 6 7 (8)
(9) Summation	2	6	10	14	18	22	26

Value							
(10) Dimensional Frame Value	-1 x1 = -1	0x2 =0	1x3 = 3	2 x 4 =8	3 x 5 =15	4 x 6 =24	5 x 7 = 35
(11) Transcenden ce Triple Value	-3, -1, 1	-2, 0, 2	-1, 1, 3	0, 2, 4	1, 3, 5	2, 4, 6	3, 5, 7
(12) Product Value	3 0	0	-3	0	15	48	105
(13) Addition Value	-3	0	3	6	9	12	15

1. Here above is the hyper cube wise features tabulation for the prominent features of hyper cubes 1 to 7.
2. It would be a blissful exercise to chase hyper cubes as dimensional body of different features.
3. Each hyper cube deserves to be chased for its features as is mentioned in Column No.1.
4. Further it also would be a blissful exercise to simultaneously chase hyper cubes 1 to 7 in reference to












one specific feature like that of dimensional frame and other features as are mentioned in Col. 1.

5. Col. No.1 is about 13 specific features
6. These features have been tabulated in respect of hyper cubes 1 to 7 as bodies of 1 space to 7 space.
7. Therefore, there are $13 \times 7 = 91$ aspects of these features.
8. One shall take aspect no.1 and to chase it for 1 space to 7 space.
9. Likewise aspects 2 to 13 shall be taken up one by one.
10. Further one shall take up aspects 1 to 13 in respect of 1 space.
11. Likewise one shall take up features 1 to 13 in respect of 2 space to 3 space respectively.

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LESSON – 38

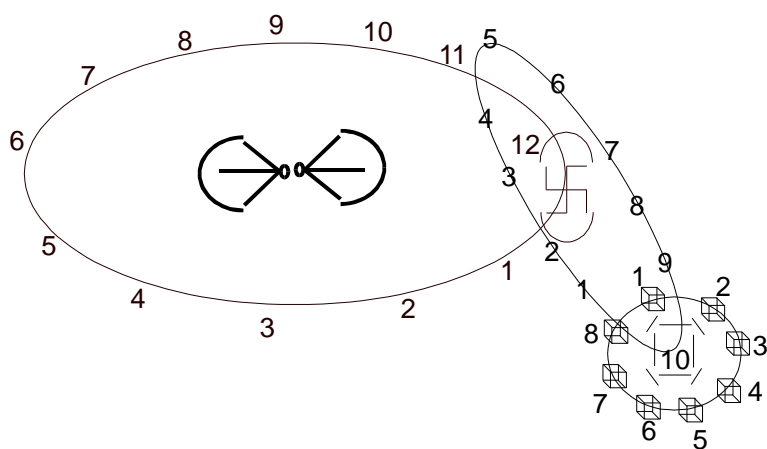
SRIMAD BHAGWAT GEETA STUDY ZONE

Srimad Bhagwad Gita Study - Zone :										
$\frac{a}{2}$	$\frac{a^2}{4a}$	$\frac{a^3}{6a^2}$	$\frac{a^4}{8a^3}$	$\frac{a^5}{10a^4}$	$\frac{a^6}{12a^5}$	$\frac{a^5}{10a^4}$	$\frac{a^2}{8a}$	$\frac{a^3}{6a^2}$	$\frac{a^4}{4a^2}$	—
										
2×1 =2	4×2 =8	6×3 =18	8×4 =32	$10 \times 5 = 50$ $50 \times 7 = 350$	$10 \times 5 = 50$ $50 \times 7 = 350$	$10 \times 5 = 50$ $50 \times 7 = 350$	8×4 =32	6×3 =18	4×2 =8	2×1 =2
Orbitals :				350+350=700						
2	6	10	14	18=5+6+7						

1. Srimad Bhagwat Geeta is a scripture of 700 shalokas.
2. This scripture is of 18 chapters range.
3. First 9 chapters shalokas range is (350-22)
4. Chapters 10 to 18 are of shalokas range (350+22).
5. The focus aspect here is that $22 = (4+5+6+7)$ which is parallel to four fold manifestation layer (4, 5, 6, 7) of hyper cube 6, the representative regular body of 6 space.
6. Lagadh Yajur Jyotish Vedang is a scripture of 44 shalokas.
7. These features of Jyotish/Jyoti/Sunlight/6 space features are the basis of organization format of Srimad Bhagwat Geeta .
8. This is the range of 6 space as origin of 5 space.
9. This is the transcendence for the transcendental domain (5 space) through the self referral origin (6 space) of the transcendental domain (5 space) .

10. To appreciate this organization format features, one shall chase it in terms of Sathapatya Measuring Rod (synthetic set up of hyper cubes 1 to 6 of Sathapatya Measuring Rod) .
11. One shall sit comfortably and permit the transcending mind to glimpse and imbibe the above tabulated features of the above organization format (Srimad Bhagwat Geeta Study Zone).
12. First of all one shall comprehend and imbibe the domain boundary ratio features of hyper cubes 1 to 6 ($A^n:2nb^{n-1}$, $N = 1, 2, 3, 4, 5, 6$).
13. A step ahead one shall reach at the values sequence. ($2 \times 1 = 2$, $4 \times 2 = 8$, $6 \times 3 = 18$, $8 \times 4 = 32$, $10 \times 5 = 50$, $12 \times 6 = 72$).
14. A step ahead one shall reach at the values sequence ($1 \times 2 = 2$, $2 \times 3 = 6$, $2 \times 5 = 10$, $2 \times 7 = 14$, $2 \times 9 = 18$).
15. Transcendence at 6 space as origin of transcendental domain (5 space) is of 7 streams (parallel to 7 space domain of transcendental dimensional order/5 space as dimension of 7 space, and same manifesting as 7 non-negative geometries of 6 space.
16. This flow is to be towards both orientations and same shall be manifesting value $7 \times 50 = 350$ towards either orientation making it to be of total value $350+350=700$.
17. Further as that 6 space as hyper cube 6 format shall be of four fold manifestation value $4 + 5 + 6 + 7 = 22$ which shall be making reorganisation as of $350 - 22 + 22 + 350 = (350 - 22) + (350 + 22)$ as first and second half).
18. One shall sit comfortably and permit the transcending mind to glimpse and imbibe this format features and values.

19. Further one shall revisit above tabulation in the context of our present day organization features of our periodic table of elements.
20. It would be blissful to take note that vedic system accept 120 years cycle for the existence phenomenon within human frame of Shud Chakra format of features parallel to the format features of synthetic set up of hyper cube s 1 to 6 of Sathapatya Measuring Rod .
21. This 120 years cyclic reach is as the reach of creative dimensional order (4 space as dimension) of self referral domain (6 space domain), which takes by transcendence to boundary of boundary (creative boundary of transcendental boundary/4 space as boundary of 5 space which is boundary of 6 space).



22. This permits depiction as that transcendental boundary (5 space boundary of Self Referral domain (6 space) is of 12 components while each of these 12 components is

- having 10 creative components which makes $12 \times 10 = 120$ creative components (4 space as component)
23. This amounts to organization of 120 elements of creative format (4 space format)
 24. A step ahead as each creative component (4 space) as component, accepts 8 boundary component as such from physical (3 space) world point of view there is going to be a requirement of $12 \times 10 \times 8 = 960$ solid components for fixation of Self Referral domain (6 space domain) emanations.
 25. This requirement of 960 solids/cubes to net 6 space domain.
 26. It would be a blissful exercise to re-chase the above steps to reach at netting of 6 space domain in terms of 960 cubes.
 27. Further it also would be a blissful exercise to re-chase above steps to reach at 120 creative components for netting the entire transcendental boundary (5 space boundary) of Self Referral domain(6 space).
 28. Still further it also would be a very blissful exercise to comprehend and imbibe the values of study zone of Srimad Bhagwat Geeta of $350+350=(350-22)+(350+22)$ values as transcendence flow from 6 space as origin of transcendental domain within 5 space of both orientations.
 29. It would further be very blissful exercise to chase, in both orientations, manifestation of orbital's within orbits outside the transcendental domain (5 space domain), as a creative domain (4 space domain) with transcendental origin (5 space as origin) with self referral base (6 space as base) .

30. It would be blissful exercise to chase present day organization of the periodic table of elements along the above geometric format of creative boundary (4 space as boundary) of transcendental domain (5 space domain) with self referral base (6 space as base).



LESSON – 39

12 PLACE VALUE SYSTEMS

1. The transcendental boundary (5 space as boundary) of 12 components of Self Referral domain (6-space domain) manifests format for 12 place value system for organization of numbers values.
2. This placement format accepts 11 numerals parallel to 11 versions of hyper cube 5 which further being parallel to 11 geometries range of 5 space.
3. Double digit numbers of 12 place value system are 143 which accept organization along 11 x 13 matrix/grid format as under:

01	02	03	04	05	06	07	08	09	0X	0XI
10	11	12	13	14	15	16	17	18	19	1X
1XI	20	21	22	23	24	25	26	27	28	29
2X	2XI	30	31	32	33	34	35	36	37	38
39	3X	3XI	40	41	42	43	44	45	46	47
48	4IX	4X	4XI	50	51	52	53	54	55	56

57	58	59	5X	5XI	60	61	62	63	64	65
66	67	68	69	6X	6XI	70	71	72	73	74
75	76	77	78	79	7X	7XI	80	81	82	83
84	85	86	87	88	89	8X	8XI	90	91	92
93	94	95	96	97	98	99	9X	9XI	X0	XI
X2	X3	X4	X5	X6	X7	X8	X9	XX	XXI	X10
X11	X12	X13	X14	X15	X16	X17	X18	X19	X1X	X1X1

4. The last number X1X1 on 10 place value system is of value 143.
5. Further as that X1X1 as a pair of digits of value X1 each (last numeral of 12 place value system), is the 11th numeral and it is the end reach of the matrix .
6. This feature is parallel to $(N, N) = N+2$ equation of synthesis value of a pair of dimensions of equal order.
7. These features of domain boundary relationship, dimensional synthesis rule and of place value system format at the boundary, are simultaneously at work.
8. Therefore, Mathematics, Science & Technology of each space is of the format of representative regular body of the same space.
9. Mathematics, Science & Technology of N space avails the format of hyper cube N as its representative regular body.
10. The boundary fold of hyper cube N manifests a format for $2N$ place value system for organisation of the values of the numbers.

11. The double digit numbers of the said place value system accept $(2n-1, 2n+1)$ matrix/grid format.
12. The grid format $(2n-1, 2n+1)$ is of format features parallel to the format features of (dimension, domain folds) being of difference value “2”.
13. It would be a blissful exercise to chase “2” place value system for organization of numbers values along the boundary of hyper cube 1.
14. Further it would be a blissful exercise to chase 4 place value system for organization of values of numbers along boundary format of hyper cube 2.
15. Further it would be a blissful exercise to chase 6 place value system for organization of values of numbers along boundary format of hyper cube 3.
16. Further it would be a blissful exercise to chase 8 place value system for organization of values of numbers along boundary format of hyper cube 4.
17. Further it would be a blissful exercise to chase 10 place value system for organization of values of numbers along boundary format of hyper cube 5.



LESSON-40

6-SPACE MATHEMATICS

1. '6 Space Mathematics', as the title suggests, is the Mathematics of 6-space.
2. 6-space is the space which accepts a dimensional frame of 6 dimensions of creative dimensional order (4-space as dimension of 6-space).
3. Hyper cube 6 is the representative regular body of 6-space and Mathematics, Sciences and Technologies of 6 space avail format of hyper cube 6.
4. Number value 6, 6-space, hyper cube 6, Surya, human frame, Pursha and Vishnu are seven values in terms of which the Mathematics of 6-space may be comprehended for imbibing of its values and for availing it for chase of Sciences and Technologies of 6-space.
5. 6 space domain permits chase in terms of Sathapatya Measuring Rod as a synthetic set up of hyper cubes 1 to 6 and as such Sathapatya Measuring Rod provides basic format for chase of the values of 6-space Mathematics.
6. Number value 6 is the value of first perfect number, being the unique perfect number, as that it is first amongst the sequence of perfect number and secondly it has only three proper divisors, namely (1, 2, 3) which make a unique triple (1, 2, 3) as that none of these is a composite number, while other perfect numbers except both composite as well as non-composite numbers as their proper divisors. Illustratively second perfect number, namely '28' accepts '4' as well as '14' as proper divisors of '28' and both, '4' and '14' are composite numbers.

7. 6 space domain permits transcendence for its reach firstly up-till its dimension within 4-space and secondly up-till its dimension of dimension (2 space).
8. Hyper cube 6 manifests as a four folds manifestation layer (4, 5, 6, 7) of summation value $(4+5+6+7) = 22$ and transcendence at its origin (7-space) leads to 8-space as base fold and the transition from four fold manifestation layer (4, 5, 6, 7) to transcendence range (4, 5, 6, 7, 8) of summation value $(4 + 5 + 6 + 7 + 8) = 30$ is parallel to the range of 30 structured components of the cube (8 corner points, 12 edges, 6 surfaces, 1 volume and 3 dimensional axes).
9. 'Surya Ank' / number value associated with Sun is '6'.
10. Human frame is of Shad Chakras (6 eternal circuits) format which are of external characteristics values range (2, 4, 6, 8, 10, 12) which is parallel to the boundary components range of Sathapatya Measuring Rod being the synthetic set up of hyper cubes 1 to 6.
11. Pursha is the format of existence phenomenon within human frame of Shad Chakras format.
12. Vishnu is the Over Lord of Real 6-space and as such is the presiding deity of Sathapatya Measuring Rod with Lord Brahma, the over Lord of 4-space, being the presiding deity of measure of Sathapatya Measuring Rod.
13. One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe values features of seven fold aspects of ' (I) Number value 6 (II) 6-space (III) Hyper cube 6 (IV) Surya (V) Human frame (VI) Pursha and (VII) Vishnu'.

