Vedic Mathematics, Science & Technology
Teacher Course

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6-SPACE CONTENT VALUE CHASE

This day the course focus is upon '6-space content value chase'. It four folds aspects being taken up are as follows:

77. 6-space content value chase.
78. Simultaneous availability of origin and domain fold orders.
79. Sequential Sathapatya measuring rods.
80. Dimensional frames and dimensional orders.

The values being covered are to be taught as lessons numbers 77 to 80 to the students of 3-space Vedic Mathematics, Science & Technology.

LESSON-77

6-SPACE CONTENT

INTRODUCTORY

1. Chase phase one focus has been upon 6-space reality features glimpsing.
2. Now in chase phase 2 the focus is been to the upon values of 6-space reality.

3. The transition from features to values is of the nature of transition from spatial order as the basis base of re-manifestation of 6-space domain within 6-space domain to creative dimensional order of 6-space domain making the creator.
4. As such, here during this phase to chase of 6-space reality, the essential focus is to be remain upon 4-space in the role of dimension of 6-space domain.
5. This, as such shall be bringing us face to face with the measure of the Sathapatya measuring rod.
6. Measure to measuring rod is the reach of creator to its creations.
7. These creations, in the context of existence within human frame are of values of impulses as virtues of the values, which would be the chase focus of phase 3 of the present course.

6-SPACE CONTENT VALUE CHASE

1. Vedic Mathematics, Science & Technology of 6-space is essentially a chase of values of 6-space content as its expresses in its different roles, particularly as dimension fold, boundary fold, domain fold, origin fold, base fold and format fold.
2. 6-space content manifests as dimension fold of hyper cube 6 along the manifestation format of creator's space within 4-space.
3. 6-space domain (as dimension fold of hyper cube 6) accepts its chase in terms of Sathapatya measuring rod format.
4. This format (of Sathapatya measuring rod) is synthetic set up of hyper cubes 1 to 6.

5. As such, the chase of 6-space content along the Sathapatya measuring rod will be having a sequential progression of chase for 6-space content as content lump permitting formatting along the sequential format of hyper cubes 1 to 6 respectively.
6. This chase, as such, is going to be of 6 steps.
7. One may have a pause here and take note that 6-space content lump as points shall be accepting their formatting organization along 1-space body of single dimension set up of its dimensional frame.
8. This set up may be designated as a 6-space domain point line.
9. Likewise, sequentially we shall having be a reach of a 6-space domain points planes, solids, and hyper solids of hyper cube 2 domain to hyper cube 6 domains formats set ups.
10. The reach of 6-space domains points formatted along the domain fold of hyper cube 6, as such shall be a singular set up of 6-space domain itself.
11. A step head, full expression as of complete hyper cube 6 format shall be bringing us face to face with (4 + 5 + 6 + 7) = 22 value expression.
12. One may have pause here and take note that on this way 6-space content values chase is going to be of (6 + 1 + 22) = 29 values expressions step.
13. It would be blissful to take note that Sam Ved Samhita avails this organization range of (6 + 1 + 22) = 29 Archiks.
14. Sam Ved Samhita glimpses 6-space contents values expression in full.

15. Sadhakas fulfilled with intensity of urge to know and to explore further shall initiate themselves for glimpsing and imbibing the values of Sam Ved Samhita itself.
16. One shall visit the set up of Sathapatya measuring rod as a synthetic set up of hyper cubes 1 to 6 formats.
17. One shall further glimpse sequential hyper cubes 1 to 6, and to avails the same for formatting 6-space domain points fulfilled with 6-space contents and being Bindu Sarovar/ point reservoir of 6-space structure.
18. Hyper cubes 1 to 6 domains as formats and formatting of 6-space domain points along these formats are a pair of distinct features and values.
19. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

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LESSON-78

SIMULTANEOUS AVAILABILITY OF ORIGIN AND DOMAIN FOLD ORDERS

1. Domain fold, in its sealed state being enveloped within a boundary and origin of dimensional frame being superimposed upon the seat of origin fold within domain fold, makes simultaneously available be order of origin fold and of domain fold for the structural set up value of the domain.
2. It is this feature which deserves to be full glimpsed and to be completely imbibed.

3. N-space domain with (N+1) space origin leads to (N-2) order for the domain fold and (N-1) order for origin fold.
4. The availability of (N-2) order and (N-1) order play their roles for structuring the N space domain fold.
5. It would be a blissful exercise to glimpse and to comprehend the above features.
6. One shall tabulate the above features for N = (1, 2, 3 4, 5, 6) to have specific comprehensive of these features for domain fold of hyper cubes 1 to 6.
7. The tabulation here under the visited and the appreciated in reference to above referral features for domain fold of hyper cubes 1 to 6.

S. No	Domain fold	Origin fold	Order of domain fold	Order of origin fold
1	1-space	2-space	-1 space	0-space
2	2-space	3-space	0-space	1-space
3	3-space	4-space	1-space	2-space
4	4-space	5-space	2-space	3-space
5	5-space	6-space	3-space	4-space
6	6-space	7-space	4-space	5-space

8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.

9. For facility of farm comprehension of above feature, one shall revisit the internal set up of cube (of volume part / domain fold).
10. We know that it accepts a dimensional frame of 3 linear dimensions (axes).
11. Further also, we know that cube permits cut into 8 sub cubes parallel to 8 octants set up of 3-space.
12. One may have a pause here and take note that this 8 octants set up of 3-space and cube permitting cut into octants is there because of 3 spatial axes.
13. It is this feature of a dimensional frame of 3 linear axes and a dimensional frame of 3 spatial axes availability which is responsible for above structural feature of the domain fold of cube (hyper cube 3).
14. It would be blissful to visit domain fold of hyper cube 2 (square) accepting solid origin (3-space in the role of origin) and as such zero dimensional order and the linear dimensional order of the origin play their role for the structural features of domain fold (surface area) of square hyper cube 2.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
16. One shall glimpse these features for hyper cubes 1 to 6.

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LESSON-79

SEQUENTIAL SATHAPATYA MEASURING RODS

1. N-space domain accepts Sathapatya measuring rod synthesized by hyper cubes (1 to N).
2. With it, to sequence of 1 space domain, 2-space domain, 3-space domain, …, N-space domain accepts Sathapatya measuring rod synthesized by hyper cube 1, hyper cube 1 and 2, hyper cubes 1 to 3, hyper cubes 1, 2, 3, 4, …, hyper cubes 1, 2, 3, 4, …, N.
3. One may have a pause here and to reach at sequential Sathapatya measuring rods of 1-space domain to 6-space domains.
4. For facility of evaluation of comprehension and imbibing of above features, the tabulation of sequential Sathapatya measuring rod of 1-space domain to 6-space domain is being drawn:

S. No	Space domain	Sathapatya measuring rod set up
1	1-space domain	Hypercube 1
2	2-space domain	Hyper cubes 1 and 2
3	3-space domain	Hyper cubes 1, 2 and 3
4	4-space domain	Hyper cubes 1, 2, 3 and 4
5	5-space domain	Hyper cubes 1, 2, 3, 4 and 5
6	6-space domain	Hyper cubes 1, 2, 3, 4, 5 and 6

5. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
6. This range of sequential Sathapatya measuring rod, leads to a range of sequential strings of values:

[(1), (1, 2), (1, 2, 3), (1, 2, 3, 4), (1, 2, 3, 4, 5), (1, 2, 3, 4, 5, 6), …].

7. This further leads to double sequencing as under:
   i. (1)
   ii. {(1), (1, 2)}
   iii. {(1), (1, 2), (1, 2, 3)}
   iv. {(1), (1, 2), (1, 2 , 3), (1, 2, 3 ,4)}
   v. ……
8. The sequence with above members makes a double sequencing sequence of strings of sequential values steps as under:
   i. [{(1)}, {(1), (1, 2)}, {(1), (1, 2), (1, 2, 3)} ….]
9. One may have a pause here and have a fresh visit to above double sequencing value sequence.
10. Parallel to it, one shall reach at double sequencing value sequence of hyper cubes constituting sequential Sathapatya measuring rod.
11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
12. For facility of evaluation of comprehension of above feature, here below is reach at double sequencing sequence of sequential Sathapatya measuring rod.

S. No	Space domain	Sathapatya measuring rod	Double sequencing sequence
1	1-space	Hyper cube-1	Hyper cube 1
2	2-space	Hyper cube 1, 2	Hyper cube-1, hyper cube 1, 2
3	3-space	Hyper cube 1, 2, 3	Hyper cube1, hyper cubes 1 & 2, hyper cube 1, 2 and 3.

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LESSON-80
DIMENSIONAL FRAMES AND DIMENSIONAL ORDERS

1. N-space domain plays the role of dimension of (N+2 space domain).
2. N-space domain being a domain, it accepts (N-2 space domain as its dimensions).
3. Accordingly values triples (N-2, N, N+2) settle the dimensional order format features and values.
4. One may have pause here and take note that the parallel triples space (N-2 space, N space, N+2 space) becomes of format features and values inter see as :

i. N-space being the dimension of (N+2 space), and
ii. N-2 space being the dimension of (N space and being of dimension of dimension of (N+2 space)

5. This leads us to (-1 space) being dimension of +1 space).
6. (0) space being of dimension of 2-space.
7. (+1) space being dimension of 3-space
8. (+2) space being dimension of 4-space.
9. 3-space being dimension of 5-space and 1-space being dimension of 3-space and dimension of dimension of 5-space.
10. 4-space being dimension of 6-space and 2-space being dimension of 4-space and dimension of dimension of 6-space.
11. This reach up-till dimension of dimension level of a dimensional domain, brings us face to face with a reach for dimension of dimension as well.
12. For facility of evaluation of comprehension of above features, tabulation is being here under reached under:

S. No	Domain	Dimension	Dimension of Dimension	Value
1	1-space	-1 space	-3 space	(1) x (-1) x (-3) = 3
2	2-space	0 space	-2 space	(2) x (0) x (-2) = 0
3	3-space	1 space	-1 space	(3) x (1) x (-1) = -3
4	4-space	2-space	0 space	(4) x (2) x (0) = 0
5	5-space	3-space	1 space	(5) x (3) x (1) = 15
6	6-space	4-space	2 space	(6) x (4) x (2) = 48

13. One shall have a fresh visit to above tabulation of values for 1-space domain to 6-space domain for reach up-till there dimension of dimension stages.
14. One shall glimpse and imbibe value (3) for 1-space and value (-3) for 3-space.
15. Further one shall glimpse and imbibe value 0 for 2 space as well as for 4-space.
16. Still further one shall glimpse and imbibe value (15) for 5-space domain and value (48) for 6-space domain.
17. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above format feature and values.
18. It would be blissful to note that TCV (Ek) = TCV (Triaya).

19. Dimension to dimension of dimension level reach has its significant role to play for the structural organization of domain fold, as such this feature deserves to be comprehend well for its complete appreciation.
20. This feature of reach from dimension to dimension of dimension deserves to be imbibed fully in reference to the reach value from domain to its dimension.

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