

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

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**3 POINT FIXATION OF SOLID DIMENSIONAL
ORDER**

This day the course focus is upon '3-point fixation of solid dimensional order'. It four folds aspects being taken up are as follows:

- 93. 3 point fixation of solid dimensional order.
- 94. Let us glimpse format features and values of formulations Aatma, Mann, Disha and Kaal.
- 95. Reach from discrete to continuity along the format of Asht Prakarti (8 fold nature).
- 96. Number value 20.

The values being covered are to be taught as lessons numbers 93 to 96 to the students of 6-space Vedic Mathematics, Science & Technology.

LESSON-93

**3 POINT FIXATION OF SOLID DIMENSIONAL
ORDER**

- 1. Solid dimensional order is a set up of triple linear dimensions.

2. 3 dimensional frames with its origins and centre of the cube split each axis into a pair of half's.
3. This results into a split of a 3 dimensional frames into a pair of 3 dimensional frames of half dimensions.
4. Points at equal distance from the origin along 3 axes of a dimensional frames of half dimensions, fix this 3 dimensional frames of half dimensions.
5. Likewise the other 3 dimensional frames of half dimensions, as well gets fixed in terms of 3 points at equal distance along its 3 axes.
6. This in a way leads to a set of 7 points (3 points contributed by first frame, 3 points contributed by second frame and 1 point contributed by origin) for fixation of a 3 dimensional frames of full dimensions.
7. Taking split of a 3 dimensional frames into a pair of 3 dimensional frames of half dimensions with both of dimensional frames of half dimensions being complete set up in themselves having fixation in terms of 3 points will make total requirement of 6 point fixations, instead of the start with 7 point fixations for the dimensional frame of full dimensions.
8. Here, it would also be relevant to take note that cube with hyper cube 3 is accepting spatial boundary of 6 surfaces.
9. One may have a pause here and take note that requirement of 6 points for fixation and the emerging 6 surface plates and also 6 half dimensions, will bring to the coordination of value as points, as half axis and as 6 surface plates.
10. It is this parallel values feature for points, lines and surfaces which deserves to be comprehended well reach from value 7 to value 6 as triples values 6 and the

sequential progressive values triple points, triple lines and triple surfaces as triple axes of (0, 1 and 2) dimensional orders.

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 formats features and values.
12. One may have a pause here and permit the transcending mind to glimpse the structural domain of points which simultaneously keep equal distance from the triple axes of the solid dimensional order format for each of the five solid dimensions of a transcendental domain dimensional frame.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
14. It would be blissful to take note that above features shall be making out a domain fold for representative regular body of 5-space as that all such points of transcendental domain keeping equal distance from all the 3 x 5 linear dimensions of dimensional frame of 5 solid dimensions.
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 formats features and values.



LESSON-94

LET US GLIMPSE FORMAT FEATURES AND VALUES OF FORMULATIONS AATMA, MANN, DISHA AND KAAL

1. Quadruple formulations (*aatma* / sole, *mann* / mind, *disha* / direction and *kaal* / time).
2. Deserve to be reach at the format, features, values and virtues of the space contents manifesting parallel to format, features, values and virtues of these quadruples formulations.
3. For it, first of all, let us reach at the transcendental code value accepted by these formulations.
4. These quadruples formulations accept transcendental code values parallel to quadruple values (17, 19, 12, 9).
5. The pair of values (17, 19) is parallel to pair of placement values of northern and southern hemisphere of our solar universe.
6. It would further be relevant to take note that value 19 is parallel to the values format of the unity state origin release from the self-referral domain dis-integrating as a pair of self-referral domains parallel to which is the values triples (6, 7, 6).
7. One may have a pause here and to glimpse and imbibe the above state of release of unity state origin from the self-referral domain and to comprehend and to appreciate the format features, values and virtues of value 19 as the value of placement of southern hemisphere.
8. Further the format of a pair of values (17, 19) as of (dimension, domain) will bring us face to face with the

format features, values and virtues of value 17 as the placement value of southern hemisphere.

9. One may further have a pause here and take note that there are ten directions but the formulation '**disha**' is accepting transcendental code value 12.
10. One may further have a pause here and take note that the difference value $2 = (12 - 10)$ is parallel to the difference value 2 is boundary components of 6-space and the boundary components of 5-space.
11. Further as that, the difference of value of domain fold and dimension fold as well is '2'.
12. As such, the reach from the boundary of 5-space to boundary of 6-space is the '**disha**' of progressive reach.
13. One may have a pause here and to permit the transcending the mind to comprehend and imbibe the direction for the sequential progression for the reach from the boundary of N space to the boundary of N+1 space.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
15. Further, let us chase the domain split spectrum which shall for the first three steps shall be taking us to spectrum entities (1, 2, 5) of summation value $(1 + 2 + 5) = 8$ and their binding string of split as the '**kaal**' / time, the duration of sequential reach (will make value 9 parallel to the transcendental code value of formulation '**kaal**').
16. Further, it also would be blissful that the transcendence with the transcendental domain is of the value triple (1, 3, 5) of summation value 9 which is further parallel to

the dimensional value of solid order dimensional frame
of 5-space. ■

LESSON-95

REACH FROM DISCRETE TO CONTINUITY ALONG THE FORMAT OF ASHT PRAKARTI (8 FOLD NATURE)

1. Vedic systems accept transcendental code value for Ek (1) as well as for Akash (space) and also for Traya (3) as '8' in each case.
2. Number value 8 accepts re-organization as $8 = 2^3$ which is second member of cube sequence ($1^3, 2^3, 3^3, 4^3 \dots$).
3. The pair of discrete and the space gap in between, as triple placement of beginning middle and end being of same value.
4. It is this feature of attaining equal value for beginning, end and for the middle, which leads from discrete to continuity.
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 formats features and values.
6. One may have a pause here and take note that the cube permits split into 8 sub cubes parallel to the split of 3-space into 8 octants.
7. It would be blissful to take note that internal structure of cube (domain / volume) is of features permitting approach in terms of a 3 dimensional frame of linear dimensions, as well as in terms of a dimensional frame of 3 spatial dimensions.
8. It is this feature of simultaneous availability of a 3 dimensional frame of linear dimensions and a 3 dimensional frame of spatial dimension, which parallel to it takes us to a pair of values ($1^3, 2^3$).

9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
10. One shall further have a pause here and take note that 4-space plays the role of origin of 3-space.
11. Further as that, 4-space is a spatial order space and it makes available, a pair of unit '2 as 1 and 1 as 2' leading to '1/2' as a working unit.
12. With '1/2' as working unit, the space gap of number value sequence (1, 2, 3, 4, 5 ...) permits its transition and transformation into values sequence (1, 3/2, 2, 5/2, 3 ...).
13. Further the availability of a pair of such values sequences the same shall be leading us to a values sequence (2, 3, 4, 5, 6, 7 ...)
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
15. It would be a blissful to take note that above feature leads us from value sequence (1, 2, 3, 4, 5 ...) to value sequence (2, 3, 4, 5, 6 ...) and parallel to it, there is a transition and transformation from liner order set up to a spatial order set up.
16. It would be blissful to take note that the transition forms of 3-space the role of domain to the role of boundary makes it a set up of 8 cubes which gives a reach from discrete to continuity along the format of 'Asht Prakarti' (8 fold nature).



LESSON-96

NUMBER VALUE '20'

1. Number value 20 is structurally very rich.
2. Transcendental code value '20' is of formulation 'Ved'.
3. It is also the transcendental code value of formulation dev.
4. Number value 20 is the synthesis value of a pair of zero order transcendence ranges (0, 1, 2, 3, 4) and (0, 1, 2, 3, 4).
5. Number value '0' and parallel to it zero space and further zero space in the role of dimension of 2-space of the features which deserves to be comprehended well.
6. Zero value parallel to it zero space brings value zero as 'whole number', and zero space, a dimensional space.
7. 2-space makes a spatial order of creator's space (4-space).
8. One may have a pause here and take note that value zero, as well as value 2 have parallel feature, as under:
 - i. $(0 + 0) = (0 \times 0) = (-0) \times (-0)$.
 - ii. $(2 + 2) = (2 \times 2) = (-2) \times (-2)$.
9. These parallel feature of number value zero and number value 2 make number value '20' being unique.
10. Further, number value '02' make a reflection pair with number value '20',
11. Still further, number value '02' also makes a reflection pair with '-02'.
12. These values as makes as '20' being a special feature value.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of

- trans and to glimpse and imbibe the above formats features and values.
14. It would be blissful to take note that number value (-02) is also the synthesis value of a pair of transcendence ranges of a negative spatial order.
 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 formats features and values.
 16. It would be a blissful to take note that the domain split spectrum of triple split steps as of values (1, 2, 5, 12) makes a summation value $(1 + 2 + 5 + 2) = 20$.
 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 formats features and values.
 18. Still further, it would be a blissful to take note that the summation value of synthesis value of single, double triple quadruple dimensions of same order, say (N) order comes to be $[N + (N + 2) + 6 + (12 - 2N)] = 20$.
 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 formats features and values.
 20. The organization of Arthrav Ved Samhita is of 20 Kandas.
 21. Yajur Ved Samhita is scripture of 40 Adhiyas.
 22. Creative boundary of transcendental domain makes fixation as of $(4 \times 5) = 20$ coordinates.
 23. Creative boundary of 10 components of transcendental domain accepts coordination in terms of 40 coordinates.

24. Divya Ganga Parvaha through artifices of components
of sole syllable of $(9 + 7 + 3 + 1) = 20$ streams.

