

## Vedic Mathematics, Science & Technology course

### A WORD WITH THE PARTICIPANTS

This week is to focus upon artifice 5 for chase of different features of transcendental domain (5-space as domain fold). However as domain fold focus remains upon 5-space content, therefore the chase would be for features of domain fold being expression of the concerned space content. It would naturally amount to comprehension of the concerned space content along the formats of points, lines, surfaces and all that as different folds of manifestation layers of hyper cubes. As such, here below, it is left to the participants for taking upon themselves to workout and tabulate different features as different chase steps. To initiate chase, initial leads are being mentioned hereunder. However, the previous week Panch Avarans chase and the previous semester features chase being already with the participants, as such the chase spheres may be expended as per the insights of the participants themselves.

The point, line, surface, solid and hyper solid formats as well are of static and dynamic states. The chase for the points as of static and dynamic states and similarly of line of static and dynamic state and so on would deserve to be chased.

Moving point structures line which at infinity transits and transforms into circumference of circle and then manifests as surface of solids and ultimately as solid boundary of hyper cubes and thereby there emerges format of transcendental range (0, 1, 2, 3, 4) along which flow 0-space structure through line as interval and as hyper cube 1 to a transcendence line reaching uptill base of the origin fold.

Along this flow format of above phases and stages emerges compactification of origins which sequentially unfolds as a sequence of hyper cubes and the same further manifests as manifestation layers of four folds with each fold being of a hyper cube format as (hyper cube 1 as dimension fold, hyper cube 2 as boundary fold, hyper cube 3 as domain fold and hyper cube 4 as origin fold) which that way

sustains 3-space content as hyper cube 3. As such the chase is to be of following phases and stages

- i. Ten steps long single digits sequential arrangement along the format of a line for linear sequencing.
- ii. Hundred steps long arrangement of double digits along the format of a surface as spatial sequencing arrangement of matrices format of a square
- iii. One thousand steps long arrangement of triple digits along the format of a solid as caged cells like sequencing along the format of a cube
- iv. Ten thousand steps long arrangement of quadruple digits along the format of a hyper solid as of the format of four fold manifestation along the format of hyper cube 4.

Here would follow a transition from linear dimensional order to spatial dimensional order, which in a way amounts to having a repeated manifestation steps; a transition which deserves to be chased in a phased manner, as much as that:

firstly the reach is to be as interval as a four fold hyper cube 1 and then, thereafter, as second phase, to reach at the re-manifestation of four folds taking 1 as 0 and parallel to it line as a point taking it and making it as each point of a line being a line, which that way make line a 'straight' line of the format of a surface / square because of which line remains straight of a two space format.

A step ahead '2 as 0' / surface as a point while moving straight shall be manifesting a solid format of the solid dimensional order which shall be structuring origin for hyper cube 4 as of transcendental seat (5-space).

It would be amounting to internal split at dimension, boundary, domain and even at the origin fold and even beyond at the base fold as well because of which a self referral format would emerge as the sixth fold of the features and values of artifice 6 as six being the first perfect number.

A unity state ahead shall be the seventh fold which shall be taking to the order, features, values and virtues of artifice 28, the second perfect number.

A transcendental order beyond there to would be a eight fold nature's rule for extension of the system and processes for coordination ad-infinitum.

A reverse of it would be the Brahman state of 9<sup>th</sup> fold. Even beyond is the existence phenomenon of Par Braham which would be playing its role like that of tenth fold as of ten place value format.

With this background, it would be appropriate to approach artifice 5 as one of the ten numerals range (0, 1, 2, 3, 4, 5, 6, 7, 8, 9).

It is the coordination of '5' with these ten numerals including 5 itself which shall be making the role for '5' one tenth role for the whole range of artifices organized as ten place value system parallel to which manifests creative boundary of ten components for hyper cube 5.

That way are the virtues, values and potentialities of the format of hyper cube 5 and parallel to it of artifice '5' itself.

**PART – IX**  
**TWO FOLD TRANSCENDENCE FROM BASE**  
*(Chase steps 37, 38, 39, 40, 41, 42, 43, 44 & 45)*

*Chase Step – 37*  
(5, 9)

*Chase Step – 38*  
(5, 8)

*Chase Step – 39*  
(5, 7)

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***Chase Step – 40***  
**(5, 6)**

***Chase Step – 41***  
**(5, 5)**

***Chase Step – 42***  
**(5, 4)**

***Chase Step – 43***  
**(5, 3)**

***Chase Step – 44***  
**(5, 2)**

***Chase Step – 45***  
**(5, 1)**

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*Chase Step – 37*  
(5, 9)

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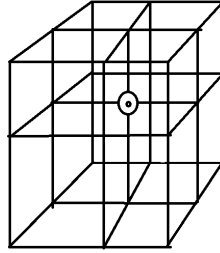
1. It would be a blissful exercise to chase artifices pair (5, 9) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 9-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 9) may be taken as:
5. Artifices pair (5, 9) are coordinated along artifices range (1, 2, 3, 4, 5, 6, 7, 8, 9) as of fifth and ninth placement.
6. Fifth and ninth placements values 5 and 9 are also parallel to five geometries range of 2-space and 9 geometries range of 4-space, which pair of spaces are also coordinated as dimension fold and domain fold in respect of each other.
7. The artifices range (5, 6, 7, 8, 9) is of summation value  $35 = 5 \times 7$  and further as that artifices triple (5, 7, 9) is a transcendence range as that 5-space plays the role of dimension of 7-space while 7-space itself plays the role of dimension of 9-space and this way artifices pair (5, 9) stand coordinated as 5-space being dimension of dimension of 9-space.
8. NVF (Five) = NVF (Nine) focuses upon the features of split for artifices range (1, 2, 3, 4, 5, 6, 7, 8, 9) at the middle and there being pair of five fold transcendence ranges (1, 2, 3, 4, 5) and (5, 6, 7, 8, 9) being of the same transcendence range format.
9. This synthesis of pair of transcendence ranges with transcendental joint being their unique features is at work for the numerals range of ten place value system availing 9 geometries format of creative boundary (4-space as boundary) of transcendental domain (5-space as domain).

*Chase Step – 38*  
(5, 8)

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1. It would be a blissful exercise to chase artifices pair (5, 8) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 8-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 8) may be taken as:
5. The artifices pair (5, 8) is parallel to the pairing of transcendental domain (5-space as domain) with transcendental domain super imposed with its solid dimensional order.
6. It in a way is the coordination parallel to the coordination of hyper cube 5 with hyper cube 8.
7. This coordination of hyper cube 5 with hyper cube 8 leads to working unit pair (1/3 and 3/1) as the ratios of 16 boundary components and 48 dimensional coordinates of hyper cube 8.
8. The artifices pair (5, 8) is also parallel to the format of solid order 5-space playing the role of origin of creators' space (4-space) permitting enveloping within eight solid boundary components.
9. This coordination features is of basic nature and infact this feature of creator's space of eight solid boundary components and transcendental origin manifests the foundation format of the discipline of Vedic Mathematics, Science and technology.

10. Symbolically it of the expression features as above



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*Chase Step – 39*  
(5, 7)

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1. It would be a blissful exercise to chase artifices pair (5, 7) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 7-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 7) may be taken as:
5. The artifices pair (5, 7) is of the format of coordination of 5-space as dimension fold and 7-space as domain fold.
6. Further the artifices pair is of features parallel to the features of five geometries range of 2-space and 7-space geometries range of 3-space.
7. Still further the artifices pair format (5, 7) is parallel to five unmanifest edges of cube and 7 manifest edges of the cube which coordinate all the eight corner points of the cube and also sustained all the surfaces of the cube.
8. It would be a blissful exercise to comprehend this phenomenon of coordination of artifices pair (5, 7), parallel to the above sets of features, firstly as five manifest edges and seven manifest edges of cube, secondly as five geometries range of 2-space and seven geometries range of 3-space and thirdly as 5-space being the transcendental dimensional order of unity state.

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*Chase Step – 40*  
(5, 6)

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1. It would be a blissful exercise to chase artifices pair (5, 6) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 6-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 6) may be taken as:
5. The artifices pair (5, 6) is parallel to the format of 5-space playing the role of boundary of 6-space
6. Further artifices pair coordination as (5, 6) is parallel to the coordination of five unmanifest edges of cubes and six surfaces of the cub.
7. Thirdly the coordination of artifices pair (5, 6) is parallel to the coordination of artifice with digit 6 as unit place and digit 5 at next place value of ten place value system structuring artifice value 56 as NVF value of 'light'
8. Likewise, with digit 5 at unit place and digit 6 at ten value place shall be structuring artifice value 65 as NVF value of formulation 'center'.
9. Artifice (pair) = 56, 65 and parallel to it the formulations pair (light, center) and summation value  $56 + 65 = 121$  as NVF value of formulation unification deserve to be chased for comprehension of its features and imbibing of its values to have an insight about light as well as about center and also about the feature of 'unification'.

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*Chase Step – 41*  
(5, 5)

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1. It would be a blissful exercise to chase artifices pair (5, 5) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 5-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 5) may be taken as:
5. The artifice (5, 5) is a self reflective artifice. The artifice value 55 is along the mirror line (55, 66, 77, 88, 99) of 9, 11 matrix format for arrangement of double digit numbers of ten place value system. It is the NVF value of formulation 'sky'. It as such deserves to be so comprehended and imbibed.
6. The artifice  $110 = 55 + 55$ , that way takes us to the NVF equation: NVF (Sun light) = NVF (sky) + NVF (Sky)
7. The further features of Sky, Sky with uniform increase and decrease of values 1 to 55 will lead to the artifices pairs (56, 54) parallel to NVF formulations pair (light, Sun), (57, 53) parallel to NVF value formulation (sleep, axis) and so on.
8. It would be a blissful exercise to chase whole range of such pairing formulations of value of pairing of sky with sky.

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*Chase Step – 42*  
(5, 4)

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1. It would be a blissful exercise to chase artifices pair (5, 4) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 4-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 4) may be taken as:
5. Artifice pairing (5, 4) is parallel to pairing of 5-space as domain fold and 4-space as boundary fold. In reverse orientation it may be chased as 4-space as domain fold and 5-space as origin fold.
6. Still further such pairing may be chased as five geometries range of 2-space and four boundary components of 2-space.
7. Still further it may be chased as 5 unmanifest edges of cube and three dimensional frame along with origin of 3-space.
8. The summation value of artifices pair (5, 4) as  $5+4 = 9$ , makes it unique in many ways. Firstly as that it permits a split for 5 numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9), as a transcendence range (1, 2, 3, 4, 5) with summation value 15 and as manifestation layer (6, 7, 8, 9) of summation value 30 which is double of the value of the transcendence range (1, 2, 3, 4, 5)
9. Here it would be relevant to note that 3-space content expression as a cub is precisely of 30 components and it is its 31 component namely origin which transforms it as hyper cube 3
10. The Comprehension of this feature will help us have an insight about 3-space content and its chase as a manifestation layer (6, 7, 8, 9), and also in terms of the transcendence range (1, 2, 3, 4, 5) with '2' as a unit

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*Chase Step – 43*  
(5, 3)

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1. It would be a blissful exercise to chase artifices pair (5, 3) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 3-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 3) may be taken as:
5. The artifices pair (5, 3) is of the format of 5-space as domain fold and 3-space as dimension fold.
6. The artifices pair (5, 3) is also parallel to the format of 5 geometries of 2-space and 3 geometries of 1-space
7. This format of artifices pair (5, 3) is parallel to a solid dimension of three linear dimensions and transcendental dimension of five solid dimensions.
8. It would be a blissful exercise to chase comparative features of synthesis value of 5 dimensions with the synthesis value of three dimensions of all orders.
9. Illustratively synthesis value of 5 linear dimensions is 15 while the synthesis value of 3 linear dimensions is 6.
10. The artifices pair (15, 6) accept re-organization as (1 x 3 x 5), (1 x 2 x 3).
11. The synthesis value of 5 spatial dimension is ten while the synthesis of 3 spatial dimension is six.

12. The artifices pair (10, 6) accept re-organization as (1+2+3+4), (0+1+2+3).
13. The synthesis value of five solid dimensions is five while synthesis value of three solid dimensions is six.
14. One shall have a pause here and permit the transcending mind to chase triple pairs of values namely (15, 6), (10, 6) and (5, 6) to have an insight about this feature of synthesis values of three dimensions of any dimensional order remaining constant as six while the synthesis value of five dimensions of continue decreasing from 15 to 10, from 10 to 5 and so on, so much so that synthesis value of 5 creative dimensions would be zero while the synthesis value of 3 creative dimensions would remain six.
15. Further it would be blissful to chase artifices pair (5, 3) parallel to polygons pair namely pentagon and triangle.

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*Chase Step – 44*  
(5, 2)

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1. It would be a blissful exercise to chase artifices pair (5, 2) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 2-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 2) may be taken as:
5. Artifices pair (5, 2) is of the format of 5-space as origin fold and 2-space as dimension fold.
6. Artifices pair (5, 2) is also of the feature of five geometries range of 2-space and 2-space.
7. It would be a blissful exercise to chase 5-space in its five roles as dimension fold, boundary fold, domain fold, origin fold and base fold vis-à-vis five roles of 2-space as dimension fold, boundary fold, domain fold, origin fold and base fold.
8. It further would be very blissful exercise to have comparative features tabulations for
  - i. 2-space as dimension fold and 5-space as dimension fold
  - ii. 2-space as boundary fold and 5-space as boundary fold
  - iii. 2-space as domain fold and 5-space as domain fold
  - iv. 2-space as origin fold and 5-space as origin fold
  - v. 2-space as base fold and 5-space as base fold
9. It further would be very blissful exercise to chase features of 25 types of coordination of different roles of 2-space and of 5-space. Illustratively these would be coordination of the type

- i. 2-space as dimension and 5-space as dimension
- ii. 2-space as boundary and 5-space as dimension
- iii. 2-space as domain fold and 5-space as dimension fold
- iv. 2-space as origin fold and 5-space as dimension fold
- v. 2-space as base fold and 5-space as dimension fold
- vi. 2-space as dimension fold and 5-space as boundary fold
- vii. 2-space as boundary fold and 5-space as boundary fold, and so on.

10. Further it would be very blissful exercise to chase comparative features of synthesis values for pair of dimensions with synthesis values of 5 dimensions of all orders. Illustrative the synthesis value of pair of linear dimensions is three while the synthesis value of five linear dimensions is fifteen which accept re-organization as  $15 = 3 \times 5$ , parallel to the summation value of 5 solid dimensions as  $15 = 3 + 3 + 3 + 3 + 3$ .

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*Chase Step – 45*

(5, 1)

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1. It would be a blissful exercise to chase artifices pair (5, 1) as a format for chase of coordination of different geometric features.
2. One way to approach would be to take point as format for 5-space content / as a point of 5-space domain. Likewise point may be taken as of 1-space domain.
3. Parallel to the format of a point, the formats of line, surface solid and hyper solids as well would be available for chase.
4. Illustrative leads and hints to initiate chase for the coordination of artifices pair (5, 1) may be taken as:
  5. It would be a blissful exercise to chase artifices pair (5, 1).
  6. Artifice 1 is parallel to the range of single geometry of 0-space.
  7. Artifice 5 is parallel to the range of five geometries of 2-space.
  8. Artifices pair 5, 1 and parallel to it five geometries of 2-space and single geometry of 0-space would amount to coordination of 2-space as domain fold and 0-space as dimension fold.
  9. Artifice 1 has 1 space and as manifestation layer (-1, 0, 1, 2) with summation value 2 will coordinate the features of artifice 1 and artifice 2. The feature of NVF (Straight) = NVF (2-space) deserves to be chased as such the hyper cube 1 and 2-space in the role of origin fold of hyper cube 1 and interval accepting the format of '2-space' to be 'two'.
  10. 1 as One line and as a polygon of single side and artifice 5 as five sides of pentagon with pentagon being the first polygon which accepts infinite range of inner pentagons with common center.
  11.  $1^0=5^0$  deserve to be chased to have insight about the coordination of artifices pairs (1, 5)



12. The transcendence from 1 to 3 and transcendence from 5 to 3 is the feature which as well deserve to be chased.
13. The split of three dimensional frame into a pair of three dimensional frame of half dimensions and synthesis of pair of solid dimensions as transcendental domain (5-space as domain) as well deserve to be chased. 1 as single point and 5 as a set of five points of four corners and fifth center of the square deserve to be chased.
14. 1 as linear dimension and 5 as unmanifest edges of the cube as well deserve to be chased.
15. The coordination of Earth as first element and space as fifth element deserve to be chased.
16. Sun as the first step and water as the fifth step deserve to be chased.
17. Fire as the first step and pole star as the fifth step deserve to be chased.
18. Pole star as the first step and fire as the fifth step deserve to be chased.

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