

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

By Dr. S. K. Kapoor

FIFTH STATE ELEMENT

This day the course focus is upon 'Fifth state element'. It four folds aspects being taken up are as follows:

9. Akash is fifth state element
10. Eleven versions of hypercube 5
11. Transcendental boundary of 12 components
12. Transcendence within domain

The values being covered are to be taught as lessons numbers 9 to 12 to the students of 5-space Vedic Mathematics, Science & Technology.

LESSON-9

AKASH IS FIFTH STATE ELEMENT

1. There are 5 states of elements, designated as Panch Mahabhoot.
2. These Panch Mahabhoot /5 states of elements are:
 - i) Earth ii) Water iii) Fire iv) Air v) Space

3. Sixth state is of Surya/Sun.
4. From Earth to Sun is a sixth step chase of which first is Earth itself and sixth is the Sun.
5. There are 5 transitions gaps in between.
6. One is to transcend these gaps to attain transition from one state to the next state.
7. These states are there because of the dimensional order.
8. First state of Earth element is parallel to that of linear dimensional order of 3-space with 4-space as its origin.
9. Second state element (Water) is of spatial dimensional order of 4-space with 5-space at its origin.
10. Third state element (Fire) is the solid order of 5-space with 6-space as its origin.
11. Fourth state element (Air) is the creative dimensional order (4-space as dimension) of 6-space with 7-space as origin.
12. Fifth state element (Akash/space) is the transcendental dimensional order (5 space as dimension) of 7 space with 8 space as its origin.
13. Therefore 5 space in the role of dimension, as a transcendental dimensional order creates 7 state (unity state) with 8 space (8 fold Asht Prakarti/8 fold nature) as origin of the unity state (7 space domain) of hyper cube 7 as a format of the existence phenomenon of Polestar (Dhruv Tara) .

14. It would be blissful exercise to sequentially chase 5 states of elements as four folds set ups, and to glimpse and imbibe the values of this range of reach up till Polestar.
15. Mathematics Science & Technology of 5-space as such is going to be the Mathematics Science and Technology of transcendental dimensional order of reach up till Polestar accepting Asht Prakarti/8 fold nature as the origin fold of this set up.
16. The reach of creative dimensional order (4-space as dimension) is going to be up till Surya/Sun.
17. The reach of solid dimensional order (3-space as dimension) would be up till Akash/Space.
18. For reach beyond Polestar domain is going to be the attainment in terms of self referral dimensional order (6-space as dimension).
19. One shall sit comfortably and permit the transcending mind to sequentially chase the attainment ranges of solid dimensional order, creative dimensional order and transcendental dimensional order and to comprehend the distinguishing features of these attainment ranges.
20. One shall distinctively glimpse and to tabulate the distinctive features of Mathematics, Sciences and Technologies of solid, creative and transcendental dimensional order.
21. Solid dimensional order will permit simultaneous chase in terms of interval, square and cube.

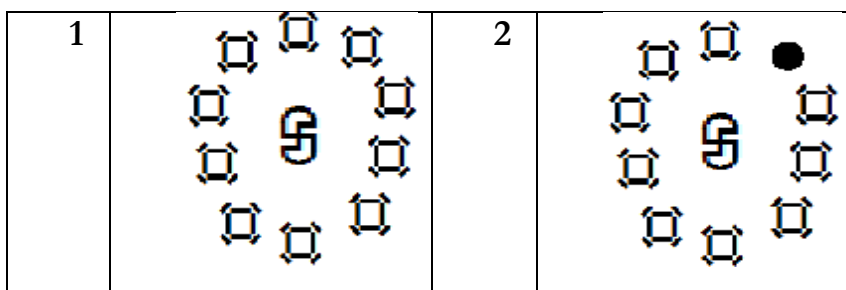
22. Creative dimensional order will simultaneously permit chase in terms of interval, square, cube and hyper cube 4.
23. Transcendental dimensional order will permit simultaneous chase in terms of interval, square, cube, hyper cube 4 and hyper cube 5 synthesizing Sathapatya Measuring Rod of 5 space.

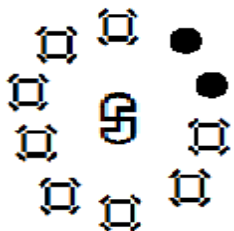

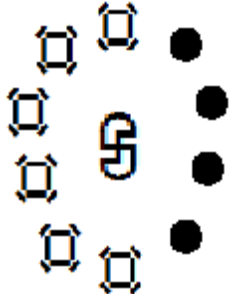
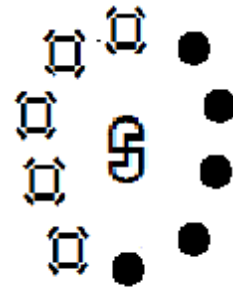

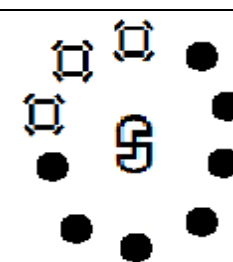


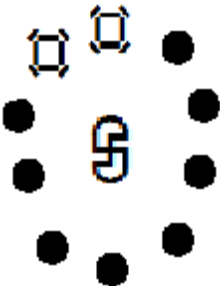
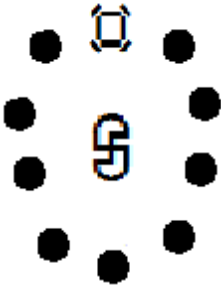
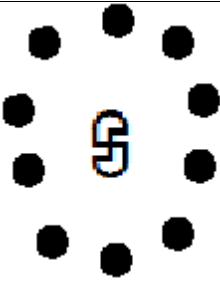
LESSON – 10

ELEVEN VERSIONS OF HYPER CUBE 5

1. The creative boundary (4-space as boundary) of hyper cube 5 is of 10 components.
2. With it, there are 11 versions of hyper cube 5 parallel to the presence of 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0 number of boundary components.



3	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 4 dots (2 on the top, 2 on the bottom).
4	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 6 dots (3 on the top, 3 on the bottom).
5	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 5 dots (3 on the top, 2 on the bottom).
6	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 7 dots (4 on the top, 3 on the bottom).
7	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 8 dots (4 on the top, 4 on the bottom).
8	 A central 'S' symbol is surrounded by 8 squares (4 on the left, 4 on the right) and 9 dots (5 on the top, 4 on the bottom).

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3. These 11 versions of hyper cube 5 are 11 distinct bodies of 5-space.
4. These 11 distinct versions of hyper cube 5 as 11 distinct bodies of 5 space are the respective bodies of 11 geometries of 5-space.
5. These are the formats of eleven Rudras (incarnations of Lord Shiv).
6. One shall distinctively comprehend features and values of these 11 versions of hyper cube 5.

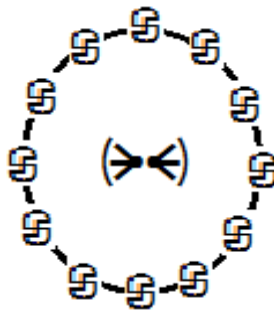


LESSON – 11

TRANSCENDENTAL BOUNDARY OF 12 COMPONENTS

1. 5-space plays the role of boundary of hyper cube 6.
2. This role of 5-space is designated as role of transcendental boundary of Self Referral domain (6-space).
3. 12 components of transcendental boundary of Self Referral domain are the formats of Dwadus Adityas (12 Suns).
4. It would be blissful to glimpse and to imbibe this format feature of 5-space as transcendental boundary being the format of Dwadus Adityas (12 Suns).

HYPER CUBE 6



5. This reach of transition for the role of 5-space as domain. To that of 5-space as boundary is a reach by way of transcendence at the 6-space as origin of 5-space.
6. This attainment is parallel to the attainment of Lord Shiv meditating within cavity of his own heart upon the Self Referral Lord Vishnu and with the grace of Lord Vishnu Lord Shiv multiplying 12 fold within Vishnu Lok.
7. It would be blissful exercise for the sadhakas/students of Vedic Mathematics, Science & Technology to continuously remain in TRANS and to sequentially attain transcendence and to melt one's mental states of 3 space, 4-space & 5-space and flourishing one's intelligence and consciousness parallel to Lord Brahma multiplying 10 folds and Lord Shiv multiplying 12 folds.
8. It would be a blissful exercise to sequentially tabulate features of format of hyper cube 4 parallel to features of idol of Lord Brahma, and features of hyper cube 5 parallel to features of idol of Lord Shiv.
9. Further it would be a blissful exercise to chase transition for the role of 3-space as domain of hyper cube 3 to the role of 3-space as solid boundary of 4-space . And, the transition of 4-space as domain fold of hyper cube 4 and 4-space as creative boundary of hyper cube 5.
10. It would further be a blissful exercise to chase transition of 5-space as domain of hyper cube 5 to 5-space as transcendental boundary of hyper cube 6.
11. Still further it would be blissful exercise to chase solid dimensional order (3-space as dimension) along the format of Sathapatya Measuring Rod synthesized by

interval, square and cube. And to chase creative dimensional order (4-space as dimension in terms of Sathapatya Measuring Rod synthesized by interval, square, cube and hyper cube 4. And still further to chase transcendental dimensional order (5-space as dimension) in terms of Sathapatya Measuring Rod synthesized by interval, square, cube, hyper cube 4 and hyper cube 5.

12. A step ahead one shall chase 6-space domain in terms of a Sathapatya Measuring Rod synthesized by interval, square, cube, hyper cube 4, hyper cube 5 and hyper cube 6.
13. It shall be bringing us face to face with interval, square and cube within cube, interval square cube and hyper cube 4 within hyper cube 4 and interval, square, cube, hyper cube 4 and hyper cube 5 within hyper cube 5.



LESSON – 12

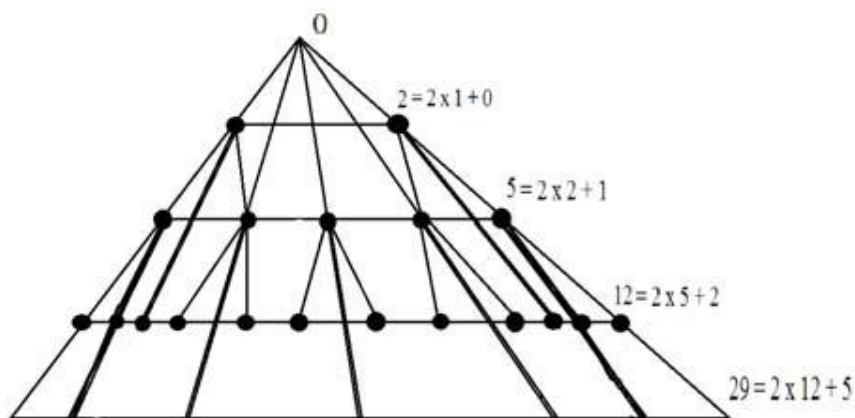
TRANSCENDENCE WITHIN DOMAIN

1. Distinguishing feature of 5-space because of its solid dimensional order is that it permits transcendence within domain of reach up till dimension of dimension level.
2. Within solid dimensional frame a simultaneously permissible sequential progression of the formats of interval, square and cube as synthetic integral format.

3. Interval, square and cube as manifested formats of hyper cubes 1, 2 & 3 respectively lead to a permissible path for transcendence from linear order to solid order.
4. And a step ahead solid order leads to transcendental order.
5. with it, the reach becomes of the feature of a pair of transcendence step firstly from linear order to that of solid order and secondly from that of solid order to transcendental order.
6. One space as dimension of 3-space and 3-space as dimension of 5-space makes a transcendence path within the transcendental domain (5-space domain).
7. It amounts to a transcendence within 5-space domain, firstly up till 3-space as its dimension and secondly up till 1-space as dimension of dimension of 5-space.
8. Along artifices of number it permits expression as (5, 3, and 1) as transcendence triple values.
9. Parallel another transcendence triple value comes to be (6, 4, and 2).
10. In general transcendence triple values come to be (N, N-2, and N-4).
11. One shall sit comfortably and permit the transcending mind to glimpse, comprehend and to imbibe these format feature values phenomenon of transcendence within domain permitting reach up till its dimension of dimension level.

12. Transcendence triple values (6, 4, 2) permit association with letters of Devnagri alphabet as that second vowel gets association of value 2 , 4th vowel gets association of value 4 and the Ushmana letter (third Ushmana letter) accepts association of value 6 and these 3 letters compose word formulation Rishi (Seer), one who sees through manifested domain.
13. Rishi is one who sees through the formats of manifested creations.
14. One shall sit comfortably and permit the transcending mind to transcend and to melt the mental state and to acquire potentialities to glimpse through the transcendence permissible within domains for reach up till its dimension of dimension level.
15. This potentiality is the potentiality of glimpsing through Sathool Shareer (Mundane body) up till Sukhsham Shareer (Subtle body) and a step ahead up till Kaaran Shareer (casual body).
16. It is because of this transcendence permissibility up till dimension of dimension level for the domain that there happens a phenomenon of split for the domain fold and emergence of domain split spectrum of its split entities.
17. Domain N initially is a single entity.
18. Its split at first stage is in to a pair of entities of its dimensional value pair of entities being of (N-2) domain set ups.

19. At next step, the pair of entities (N-2 domains) split in to two pairs of (N-4 domain) and it being a reach up till dimension of dimension level as such one entity of dimension of dimension level emanates straight from the start with domain N thereby there emerge a spectrum of $2+2+1 = 5$ entities of domain value (N-4).
20. One may have a pause here and take note that initially the spectrum was a single entity (value 1) at first split the spectrum was of a pair of entities (value 2) and at second split the spectrum is of 5 entities (value 5) .
21. This split of features of the split first to reach at dimension level and at next step also to have a reach at dimension of dimension level, when is continued ahead of second split reach (1, 2, 5), it shall be taking us to quadruple value reach (1, 2, 5, 12), because of $5 \times 2 = 10$ contribution with the split of entities of domain value (N-4) and further there being a contribution of 2 entities because of dimension of dimension level reach from the pair of entities of value (N-2) stage.
22. Like that there would be a sequential reach as (1, 2, 5, 12, 29, 70, 169, 408, 985, -----).
23. Pictorially this flow chart may be depicted as under:



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