

Vedic Mathematics, Science & Technology

FOUNDATION COURSE



Section – 2 Systems foundation

Introductory

1. Systems foundation and foundations systems are self supportive of each other.
2. Ultimately both namely systems foundation and foundation systems run parallel to each other.
3. This as such is there because of solid order origin of spatial order domain constitutes the Foundation.
4. With it the reach at foundation systems and also at systems foundation, the focus is to remain upon simultaneous availability of spatial order (2-space in the role of dimension) and solid order (3-space in the role of dimension).
5. Here it would be relevant to note that 3-space accepts linear order (1-space in the role of dimension) and as such the transition from linear order to spatial order and that way attainability and simultaneous availability of linear order and spatial order (2-space in the role of dimension) within 3-space as domain shall be helping us comprehend the interconnection of foundation systems and systems foundation.
6. The artifices pair (01, 10) being the reflection pair of artifices and further as that $10 = 1 + 2 + 3 + 4$ on their chase shall be further helping us reach at the interconnection of foundation systems and systems foundation
7. The pair of reflection pair of artifices namely (01, 10) and (10, 01) and they making the reach for triple artifices (10, 01, 10) as well as (01, 10, 01), the reach from here to $10 + 01 + 10 = 21$, as number of branches of Rigved and further $10 \times 10 + 01 \times 01 = 101$ as branches of yajurved, on their chase will add to our insight about the interconnection of foundation systems and of systems foundation.
8. It would be further relevant to note that $NVF \text{ (ultimate)} = 101 = NVF \text{ (Interval)} = NVF \text{ (Division)} = NVF \text{ (system)}$
9. $NVF \text{ (Systems)} = NVF \text{ (A foundation)}$.
10. The three points fixation of an interval and the artifices (and artifices triple (1, 0, 1), (1, 1, 1), (1, 2, 1) (1, 3, 1), (1, 4, 1), (1, 5, 1), (1, 6, 1) (1, 7, 1), (1, 8, 1), (1, 9, 1), as artifices (101, 111, 121, 131, 141, 151, 161, 171, 181, 191), on their chase will further add to our insight about foundation systems and systems foundation.
11. $NVF \text{ (Ultimate)} = NVF \text{ (Interval)} = NVF \text{ (Discipline A)}$

12. NVF (unification) = 121 = NVF (Beam Discipline)
13. NVF (hyper cube) = 131 = NVF (Cube Discipline) = NVF (Impurity), will help us add to our insight about manifestations as well as about the impurities of the manifestation along formats of 'HYPER CUBES'.
14. The chase of systems foundation along manifestation formats, as such need be to remain face to face with the 'impurities' which shall be confronting us and which need be transcended through and to reach at the functional format of Transcendental ranges.

Chase steps phase – 3
Along manifestation formats
Weeks 7 to 9

Introduction

1. Present phase, namely chase step phase-3 'Along manifestation formats', is going to be three weeks pursuits of the aspects i. Hyper cubes formats ii. Measuring rods iii. Measuring units
2. During present week, the aspect going to be chased is 'Hyper cubes formats' and this chase is going to be of steps i. Four folds format ii. Hyper cube format for each fold and iii. Jyotirmadey Triloki manormum.

Week – 7 Hyper cubes formats

Introductory

1. Four folds format is of the features of hyper cubes format.
2. These format and features are of the manifested creations within spatial order (2-space in the role of dimension) of creator's space (4-space).
3. Spatial order (2-space in the role of dimension) deserves to be distinguishably chased in reference to linear order (1-space in the role of dimension) and also in the context of solid order (3-space in the role of dimension).
4. Here it would be relevant to note that NVF (Order) = 60 = NVF (four).
5. Further NVF (Linear) = NVF (Solid)
6. Still further NVF (Spatial) = NVF (Solids)
7. NVF (Spatial order) = NVF (Solids four)
8. One may have a pause here and take note that the solid boundary of hyper cube 4 permits split into 4 solid components and as such $4 = 8 \times \frac{1}{2}$ will help us comprehend, appreciate and to imbibe and have an insight about the formats and features of above NVF equations.
9. Here it also would be relevant to note that:
 - i. NVF (Automation) = NVF (two origin)
 - ii. NVF (Automation) = NVF (Half dimension)
 - iii. NVF (Automation) = NVF (Half Two space)
 - iv. NVF (Automation) = 160 = NVF (Creator, Creator) = NVF (Purification).

10. NVF (Automation) = NVF (Purification)
11. NVF (Automation) = NVF (Four Discipline)
12. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse the phenomenon of 'purification' of impurities of format of hyper cubes permitting expressions as four fold manifestation layers.
13. Here it would be relevant to note that $NVF (Fold) = 56 = NVF (Light) = NVF (Domain) = NVF (Three)$.
14. Further as that formulation triples (light, Sun, Earth) leads to NVF triples (56, 54, 52) which is parallel to the format and features of triple artifices $(n+2, n, n-1)$ which is parallel to the format and features of domain fold, dimension fold, dimension of dimension fold.
15. Still further it also would be relevant to note that the triple sequential steps format manifests format for fixation of middle point between pair of end points as third sequential steps
16. These features of this format of fixation of middle point as third sequential step (first step being about the fixation of first end point, second sequential step being of fixation of second end point and third sequential step shall be the reach at middle of the pair of end points, when applied to sequential triple (56, 54, 52) it shall be bringing 56 at the middle of 52 and 54, making it light as to be of the placement in between the space with pair of end points being Earth and Sun.
17. One may have a pause here and take note that the $54 + 52 = 106$ is parallel to NVF (Pole star) and the same also is parallel to NVF (Infinity).
18. Still further NVF (Pole star) = NVF (Black matter), on its chase will help us comprehend, appreciate and to have an insight about the purities of hyper cube formats
19. Still further NVF (Light) = NVF (Half Black) will add to our insight as to the working with '1/2' as a working unite
20. It will help us comprehend, appreciate and to imbibe and also to have insight about the format and features of the following NVF equations
 - i. NVF (Creator, creator) = NVF (Purification)
 - ii. $NVF (Black\ cube) = 29 + 31 = 60 = NVF (Four)$
 - iii. One may have a pause here and permit the transcending mind to glimpse the split of 'four' as 'black cube' as split of $60 = 29 + 31$ with artifices pair $29 + 31$ being parallel to format and features of dimension fold, domain fold/

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Chase step 19 Four folds format

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1. Four folds format is parallel to quadruple consecutive artifices $(n, n + 1, n+2, n+3)$
2. The summation value of these quadruple artifices comes to be $4n + 6$ and this leads to the availability of the format of four folds (0, 1, 2, 3) with summation value 6.

3. This format (0, 1, 2, 3) with acceptance of affine distribution of 'four' shall be leading us to the format of four fold values (15, 16, 17, 18) with summation value $62 = 31 + 31$, which is parallel to superimposition of 31 components of the structural set up of cube upon themselves.
4. It is this feature of manifestation which deserves to be comprehended well and to be appreciated properly for their completing imbibing for full insight about permissibility for the manifestation as four folds within spatial order (2-space in the role of dimension) creator's space (4-space)
5. One may sit comfortably and permit the transcending mind to continuously remain in prolonged deep trans and to glimpse and be face to face with the following features:
 - i. Permissibility of the set up of a cube within a cube and process to go ad-infinitum which ultimately would result into 3-space playing the role of origin of 2-space and same to be responsible for spatial order (2-space in the role of dimension) creator's space (4-space) accepting solid order (3-space in the role of dimension) Transcendental origin.
 - ii. NVF (spatial) = NVF (Solids)
 - iii. NVF (black matter) = NVF (Axis, Axis)
 - iv. NVF (Black content) = NVF (Four, Four)
 - v. NVF (Monad, Monad) = NVF (Trimonad)
 - vi. NVF (Content) = NVF (Dead matter) = NVF (Mirror)
 - vii. NVF (Artifice 77) as NVF (Matter) and NVF (Dead Matter) = $14 + 77 = 91 = \text{NVF (Mirror)}$ shall be bringing to focus the format and features of self reflecting artifices (77) and split of $91 = 7 + 77 + 7$, which deserves to be chased for comprehension of the format and features of cube as hyper cube 3 and in general of hyper cubes with NVF (hyper cube) = 131 = NVF (Impurity) while NVF (Hyper cubes) = NVF (Transcendental) = NVF (Transcendence area) = NVF (Self referral area) and NVF (transcendence area middle) = NVF (Transcendental carriers) = NVF (Perfection) + NVF (Perfection)
6. One may further have a pause here and take note that triple (1, 3, 1) takes to middle as value 3 parallel to synthesis of the pair of linear dimensions and it is this phenomenon of $3 = 1 + 1 + 1$ and 3 as $1 + 1 - (-1)$ deserves to be chased as impurities purification process systems
7. NVF (Four folds) = 135 = NVF (Intensity)
8. One may have a pause here and take note that artifices triple (1, 3, 5) is of the format and features of 5-space as Transcendental domain, 3-space as solid dimensional order of 5-space and 1-space as dimension of dimension of 5-space
9. NVF (consecutive) = 136 =
10. Artifices triple (1, 3, 6) is parallel to the format and features of dimensional synthesis values of single, double and triple linear dimensions which sequentially synthesis values as (1, 3 and 6) respectively..

1. The spatial order (2-space in the role of dimension) of creator's space (4-space) makes creations of 4-space being of hyper folds. Because of the acceptance of a pair of dimensions by the spatial order (2-space in the role of dimension), the manifestation becomes a repeated process at each of the four folds.
2. This results into each of the four folds itself being of four folds manifestation formats of hyper cubes, the initial four fold manifestation as $n, n+1, n+2, n+3$ along first dimension of the spatial order (2-space in the role of dimension) shall be re-manifesting itself as $[(n-2), (n-1), (n), (n+1), (n-1), (n), (n+1), (n+2), (n), (n+1), (n+2), (n+3)]$.
3. This re-manifestation format takes us to 4 x 4 format for the re-manifestation values expression as
$$\begin{array}{cccc} (n-2), & (n-1), & (n), & (n+1), \\ (n-1), & (n), & (n+1), & (n+2), \\ (n), & (n+1), & (n+2), & (n+3) \end{array}$$
4. One may have a pause here and take note that the above expression format is parallel to 4 x 4 matrix permitting expression, firstly as $(H_n, H_{n+1}, H_{n+2}, H_{n+3})$, and secondly as $[H_n$
$$\begin{array}{c} H_{n+1} \\ H_{n+2} \\ H_{n+3} \end{array}$$
5. One may have a pause here and take note that the above feature of permissibility for transformation for the rows as a column (s) and for the columns as row (s) shall be helping us comprehend, appreciate and to imbibe and also to have an insight of permissibility of transition and transformation for horizontal surfaces into vertical surfaces for the spatial order (2-space in the role of dimension) setup into solid order (3-space in the role of dimension) setups becomes attainable within the foundation reached at by installation of Shiv Lingum within creator's space (4-space).
6. One may have a pause here and permit the transcending mind to continuously remain in prolonged deep trans to glimpse and to be blissfully face to face with the format and features of :
 - i. NVF (Monad, monad) = NVF (Trimonad)
 - ii. NVF (Black matter) = NVF (Axis- Axis)
 - iii. NVF (Black content) = NVF (Four, Four)
7. Let us have a pause and have a fresh look at the set up of hyper cubes synthesizing measuring rods.
8. The sequential steps at the boundaries of the hyper cubes are of the sequential values (2, 4, 6, 10, 12, 14).
9. The re-manifestation for the initial manifestation of linear order as
 - i. hyper cube 3, shall be taking us to the boundary value 6.

- ii. A step ahead would be the boundary value 8
 - iii. And a step further would be the boundary value 10
10. The re-manifestation for the first state manifestation of hyper cube 3 shall be taking us to hyper cube 5.
 11. One may have a pause here and take note that along boundary it would be of coordination value of artifices pair (10, 6) which shall be taking us to artifice value 106 parallel to NVF (Black matter) = NVF (Axis, Axis) = 53 + 53.
 12. The in between phase of artifices values 10, 8 as artifices 108 parallel to NVF (geometry) = NVF (Sun, Sun) = 54 + 54 and further artifices pair 106, 108 being of format and features (dimension fold, domain fold), on chase shall be helping us comprehend, appreciate and to have an insight about the formats and values of hyper cubes as four folds.
 13. One may have a pause here and permit the transcending mind to revisit the format and features of re-manifestation, which that way makes everything being of a manifested format and the manifestation are of manifestation format at its each fold because of it NVF (Nature) = 79 = NVF (Brackets) and NVF (Pilgrimage) = 97 and NVF (Nature Pilgrimage) = 176 = NVF (Addition Discipline) = NVF (Minus Discipline) and that way everything stand systemized as recycling automation processes attaining renewing creation bags for sustenance of the existence phenomenon.

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Chase step 21 Jyotirmadey Triloki manormum

1. Scriptural summation of the whole existence phenomenon of manifested creations format and features stands summed up as ज्योतिर्मध्य त्रिलोकी मनोरमम्, (Jyotrimadey Triloki Manoarmum)
2. NVF (Light) = NVF (Fold) = NVF (Domain) = NVF (Three) leads us to the features with focus upon domain fold with NVF (domain fold) = NVF (light domain) = NVF (Mathematics) = NVF (Square) + NVF (cube) and NVF (Format) = NVF (Old) + NVF (New) as simultaneous take up of '73' = 31 + 42, parallel to linear order (1-space in the role of dimension) and spatial order (2-space in the role of dimension) creator's space (4-space).
3. These features deserves to be chased simultaneously.
4. Further NVF (Black) + NVF (Cube) = NVF (Four) and NVF (light) = NVF (Half Black) and still further NVF (Black Matter) = NVF (Pole star) = NVF (Axis) + NVF (Axis), on their chase shall be helping us to have an insight as to how the manifestation of Black Matter as automation systems and processes with NVF (automation) = NVF (Half dimension) are at work.
5. TCV (ज्योति) = 18 and TCV (वेद) = 20 = TCV (देव) and artifices pair (18, 20) as of the format (n-space as dimension, n+2 space as domain) and further 18 = 3 + 4 + 5 + 6 and 20 = 9 + 7 + 3 + 1 on their chase shall be helping us understanding the interrelationship of format and features of hyper cube 5 as a four fold manifestation layers (3, 4, 5, 6) and the artifices quadruple (9, 7, 3, 1) as Divya Ganga flow process for the Transcendental flow

(Transcendental domain flow / 5-space flow / artifice 5 flow) at the middle, free of impurities of the format of hyper cube (here hyper cube 5) shall be blissfully bringing us face to face with the purification process for the impurities of the formats of hyper cubes.

6. One may have a pause here and take note that
 - i. the pair of manifestation layers (1, 2, 3, 4) and (1, 2, 3, 4) and their synthesis reach at solid dimensional order because of the synthesis value of pair of linear dimensions being 3,
 - ii. on its chase will help us comprehend, appreciate and to imbibe the values of working with 10 as summation value $1 + 2 + 3 + 4$ and its pairing with itself will lead to value $10 + 10 = 20$ as a spatial order (2-space in the role of dimension) reach.
7. One may have a pause here and take note that for being free from the impurities of the format of hyper cube 5 (3, 4, 5, 6) with summation value $(3 + 4 + 5 + 6) = 18$, reach is to be at the Transcendental domain (5-space), which is attainable as value 20.
8. Vedic systems processes workout re-organization for artifice 20 as $9 + 7 + 3 + 1$, parallel to which comes to be quadruple artifices (9, 7, 3, 1) and further parallel to it the quadruple (9-space, 7-space, 3-space, 1-space) as a paired pairs (9-space, 7-space) and (3-space, 1-space) leads us to the paired formats of (domain fold, dimension fold) at one end and (dimension fold, domain fold) at the other end, and in the process there is a jump over the middle.
9. The artifices quadruple as has 9-space with 7-space in the role of dimension as one end, and 3-space with 1-space as its dimension as the other end, shall be chased for the middle transcendence area with NVF (Middle transcendence area) = $197 = NVF$ (Pilgrimage Discipline).
10. Here it would be relevant to note that $19 + 7 = 26$ and $7 = 2 \times 3 + 1$ and $19 = 2 \times 9 + 1$ deserves to be chased for the coordination along geometries formats of 7 geometries range of 3-space and 19 geometries range of 9-space, with artifices pair (3, 9) accepting coordination as a pair of sequential steps ($3^1, 3^2$).
11. Vedic systems and processes have their foundation routes in spatial order (2-space in the role of dimension) creator's space (4-space) and as such these are of self referral format and features which makes the beginning and the end both being at the same meant of four folds making out sole syllable Om (ॐ) as functional unit.
12. Mandukyo Upnishad, is the first step of initiations about Vedic systems and as such one shall initiate oneself along the format and features of the organization of Mandukyo Upnishad.
13. The organization of Mandukyo Upnishad accept 4×4 format for chase of Brahman as of four folds / four padas / four quarters and the first and second pada / quarters chase is of the format and features of shaloka 3 and 4 of the Mandukyo Upnishad.

जागरितस्थानो बहिःप्रज्ञः सप्ताङ्ग एकोनविंशतिमुखः स्थूलभुग्वैश्वानरः प्रथमः पादः ३

स्वप्नस्थानोऽन्तःप्रज्ञः सप्ताङ्ग एकोनविंशतिमुखः प्रविविक्तभुक्तैजसो द्वितीयः पादः ४

14. The focus here upon the format and features of artifices 7 and 19 deserves to be comprehended well.
15. One may have a pause here and take note that 1-space as dimension takes to 3-space as domain of 7 geometries range within creator's space (4-space) of 9 geometries range.
16. It is the sequential continuity of 7 geometries range of 3-space as first sequential steps and 9 geometries range of second sequential step.
17. One may have a pause here and take note as to how in the process jump over artifice 5 stands attained.
18. One may further have a pause here and take note that 2-space accept 5 geometries range.
19. One may further have a pause here and take note that the artifices triple (2, 3, 4) and parallel to it spaces triple (2-space, 3-space, 4-space) and further parallel to it geometries range (5 geometries range of 2-space, 7 geometries range of 3-space, 9 geometries range of 4-space) as triple steps shall be with artifice 4 as first step, artifice 3 as second step shall be bringing artifice 2 as third step in between the first pair of steps making it to be of organizational format (3, 2, 4).
20. One may have a pause here and take note as to how in the process the jump over 5 geometries range stands attained and how 2-space in dimensional order shall be taking to 5-space in the role of origin of 4-space.
21. Vedic systems instead of 01 works with 10 which takes to value 20 as spatial chase, and with it the linear triple (7, 8, 9) transits into spatial triple (17, 18, 19) which sequentially makes northern hemisphere as of placement value 17, southern hemisphere placement value 19 and the middle of the pair of hemispheres being of the placement value 18 which in inward transcendence process takes to value 20 and the attainment of to be free from the impurities of manifestation as hyper cube 5, is there as a Divya Ganga Flow from the Bindu Sarovar placement value 9, of 7 streams which manifest as pair of parts of 3 streams each and the middle fourth stream continue flowing onwards as a single stream.
22. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of trans and to be blissfully face to face with the central stream re-manifesting itself as a transcendence range.

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