List 2 Different aspects of Vedic Mathematics

Article 47

Sathapatya measuring rod

Sathapatya measuring rod is the basis base of Vedic Mathematics. Present course is the general awareness course about Sathapatya measuring rod.

It is six days one week course of three lessons followed by three days exercises.

It is about 'Sathapatya measuring rod'. Lesson 01: Concept, Lesson 02: General features, Lesson 03 : Sathapatya measuring rods of 1 to 6-space

Three sets of exercises about lesson 01, 02 and 03 respectively, followed by sum up.

Weekly course

General awareness
Sathapatya measuring rod

Lesson 01
Concept: Measuring rod and Measure

Introductory

Vedic Mathematics is an ancient discipline. Vedic Mathematics text consist of 16 Ganita Sutras and Ganita Upsutras. Its processing systems are of two folds;- Sankhiya Nishtha and Yoga Nishtha. Mool ank (basic number) are 1 to 9. Sathapatya (geometric format) are of 1-space to 9-space. Solar universe is chased in terms of Sathapatya measuring rod, being a synthetic set up of Hyper cubes 1 to 6, the representative regular bodies of 1-space to 6-space.

Sathapatya upved

Vedic knowledge is organized as four Vedas: Rigved, Yajurved, Samved and Atharavved. Rigved is of 21 branches while Yajurved is of 101 branches, Samved

is of 1000 branches and Athrav ved is of 9 branches. Each vedic branch has distinct samhita, brahmana, arnaik and upnishad. This makes vedic knowledge as of 1131 branches of 4524 scriptures.

Rigved, Yajurved and Samved are designated as Trividhya (pure knowledge). Worldly domain of these values makes Athraved. Parallel with the pure values of Vedas are applied values of upvedas. Ayurved is upved of Rigved. Dhanurved is the Upved of Yajurved. Gandharavved is the upved of Samved. Sathapatya ved is the upved of Atharavved. Mathematics, science and technology are the disciplines of Sathapatya upved.

> Mansara, the scripture of Sathapatya ved, settles Sathapatya measuring rod and measuring rope. Lord Vishnu is the tutelary lord of Sathapatya measuring rod, while lord Brahma is the tutelary head of measure of the measuring rod. Vasukinag is the tutelary head of measuring rope.

1. Conceptual frame:
   Measuring rod is wood and axis units are measure.

2. General
   Domain fold is measuring rod. Dimension fold is measure.

3. 3-space measuring rod and measure
   Volume is the measuring rod and linear axis units is the measure.

4. Sathapatya measuring rod
   6-space measuring rod is the Sathapatya measuring rod settled by Mansara, the scripture of sathapatya upved. Six head lord Vishnu is the tutelar head of sathapatya measuring rod

5. Sathapatya measuring rod measure
   4-space is the dimension fold of 6-space. Lord Brahma is the overlord of 4-space. Four head lord brahma is the tutelar head of measure of sathapatya measuring rod.

6. Dimensional frame of 3-space
   Dimensional frame of 3-space is set up of three linear axis. 3-space domain permits sequential swapping in terms of single axis, pair of axes and triple axis (as line, surface and volume).

7. Dimensional frame of 6-space

Dimensional frame of 6-space is a set up of creative (4-space) dimensions (axis). 6-space domain permit sequential swapping in terms of single, pair, triple and quadruple, penta and hexa number of axes.

8. Creative dimension

Axes of 6-space is of creative 4-space format. Within 4-space n space body manifest as of four folds of consecutive quadruple spaces (content) : (n-2) space as dimension fold, (n-1) space as boundary fold, n space as domain fold and (n+1) space as origin fold. It is designated as Hyper cube n.

9. Axis as of Hyper cube format

Sequential chase of 6-space domain as single, double, triple, quadruple, penta and hexa axis will be of the synthetic format of Hyper cube 1, hyper cube 2, hyper cube 3, hyper cube 4, hyper cube 5 and hyper cube 6 dimensional frames. It is designated as synthetic format of sathapatya measuring of 6-space.

10. Synthetic format of sathapatya measuring rod of n-space.

The synthetic set up of Hyper cubes 1 to 9 dimensional frames is designated as Synthetic set up of sathapatya measuring rod of n-space.

11. Table of synthetic sathapatya measuring rod (S1 TO S6) of 1 to 6 space

S1	S2	S3	S4	S5	S6
H1	H1 + h2	H1 + h2+ h3	H1 + h2 + h3 + h4	H1 + h2 + h3 + h4 + h5	H1 + h2 + h3 + h4 + h5 + h6

Glimpsing exercise
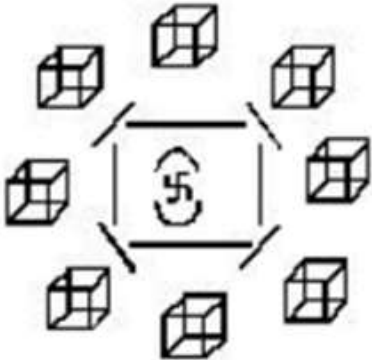
Idols of lord Vishnu and lord Brahma

The values and features of idol of lord Vishnu are parallel with the values and features of Hyper cube 4 while the values and features of idol of lord Brahma are parallel with values and features of Hyper cube 4.

Values and features of Trimurti

Idol of Lord Brahma and Hyper cube 4

One may have a pause here and take note that these manifestation features of idol of lord Brahma are parallel with manifestation features of Hyper cube 4, the representative regular body of 4-space itself.

Lord Brahma	Hyper cube 4
Four heads	Four dimensions
Pair of eyes in each head	Spatial (2-space) dimension
Lotus seat of eight petals	Solid boundary of eight components
Seat within cavity of heart of Transcendental lord shiv (5 head lord)	5-space as origin fold of 4-space.

Four folds of Hyper cube 4
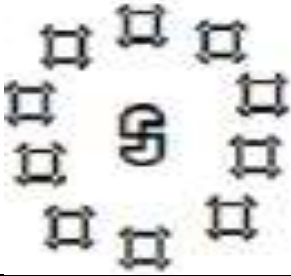
Dimensional bodies manifest within creator's space (4-space) as of four folds namely: dimension fold, boundary fold, domain fold and origin fold. 4-space body itself manifests within 4-space as of four folds namely 2-space as dimension, 3-space as boundary, 4-space as domain and 5-space as origin.

Lord Brahma meditates within cavity of his own heart and with the grace of Transcendental lord Shiv, lord Brahma multiplies as ten brahmas in Shiv lok

Lord Brahma	Ten brahmas in Shiv lok	Lord Shiv
4-space	Creative (4-space) boundary of ten components	5-space

Idol of Lord Shiv and Hyper cube 5

One may have a pause here and take note that these manifestation features of idol of lord Shiv are parallel with manifestation features of Hyper cube 5, the representative regular body of 5-space itself.

Lord Shiv	Hyper cube 5
Five heads	Five dimensions
Triple eyes in each head	Solid dimensional order
Ten beautiful arms	Creative boundary of ten components
Seat within cavity of heart of self referral lord Vishnu	6-space as origin of 5-space

Hyper cube 5

5-space body manifest within 4-space as Hyper cube 5 of four folds namely 3-space as solid dimension fold, 4-space as creative boundary fold, 5-space as Transcendental domain fold and 6-space as self referral origin fold.
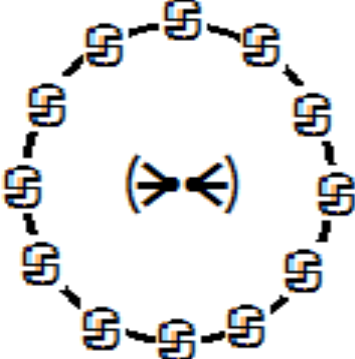
Hyper cube n
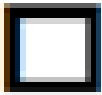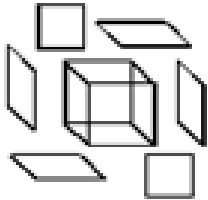
n-space body manifests within 4-space as Hyper cube n of four folds namely (n-2) space as dimension fold, (n-1) space as boundary fold, (n) space as domain fold and (n+1) space as origin fold.
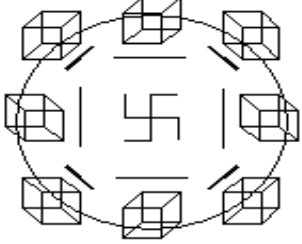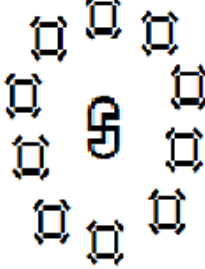
Hyper cube 6

6n-space body manifests within 4-space as Hyper cube 6 of four folds namely (4) space as dimension fold, (5) space as boundary fold, (6) space as domain fold and (7) space as origin fold.
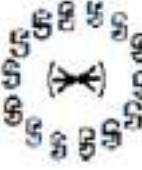
Domain boundary ratio formulation

C1 = Space body C2= Hyper cube, C3 = domain C4 = Boundary C5 = domain boundary formulation

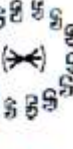| C1	C2	C5
1-space body ▬	Interval / Hyper cube 1 $A^1:2B^0$	
2-space body ▢	Square / Hyper cube 2 $A^2:4B^1$	
3-space body	Cube / Hyper cube 3 $A^3:6B^2$	

4-space body	Hyper cube 4 $A^4{:}8B^3$	
5-space body	Hyper cube 5 $A^5{:}10B^4$	
6-space body	Hyper cube 6 $A^6{:}12B^5$	

Boundary fixation coordinates table

Hyper cubes 1 to 6

1	2	3	4	5	6

A¹	A²	A³	A⁴	A⁵	A⁶
$2B^0$	$4B^1$	$6B^2$	$8B^3$	$10B^4$	$12B^5$
2	8	18	32	50	72

Sathapatya measuring rods of domain folds

A¹	A²	A³	A⁴	A⁵	A⁶
$2B^0$	$4B^1$	$6B^2$	$8B^3$	$10B^4$	$12B^5$
2	8	18	32	50	72

2 H1	2 H1	2 H1	2 H1	2 H1	2 H1
	6 H2	6 H2	6 H2	6 H2	6 H2
		10 H3	10 H3	10 H3	10 H3
			14 H4	14 H4	14 H4
				18 H5	18 H5
					22 H6

Sathapatya measuring rods of 1 to 6-space