

Phase 11
Vedic Ganita Sutras

11.1
Consciousness based intelligence

1. Vedic Mathematics prayer
2. First letter of the Text
3. Frequency of letter 'ए / sixth vowel' in text of Vedic Ganita Sutras & Upsutras
4. Creative dimensional frame of six dimensions of 6-space
5. Transcendental boundary of 12 components of Hyper Cube 6
6. Values range 6, 16, 26, 36, 46
7. 6-space content (D-6)
8. Formulation Ganit 'गणित'
9. Vedic Mathematics class

I
Lord Ganesh, the lord of Ganas



Prayer of Sadkhas fulfilled with urge
to be parallel with Vedic Mathematics

Om Gang Ganpate Namah ॐ गं गणपते नमः

Ganita Sutra 1	एकाधिकेन पूर्वेण ।
Ganita Upsutra 1	आनुरूप्येण ।
Ganita Sutra 2	निखिलं नवतश्चरमं दशतः
Ganita Upsutra 2	शिष्यते शेषसंज्ञः ।
Ganita Sutra 3	ऊर्ध्वतिर्यग्भ्याम्
Ganita Upsutra 3	आद्यमाद्येनान्त्यमन्त्येन
Ganita Sutra 4	परावर्त्य योजयेत् ।
Ganita Upsutra 4	केवलैः सप्तकं गुण्यात् ।
Ganita Sutra 5	शून्यं साम्यसमुच्चये
Ganita Upsutra 5	वेष्टनम् ।
Ganita Sutra 6	(आनुरूप्ये) शून्यमन्यत् ।
Ganita Upsutra 6	यावदूनं तावदूनम् ।
Ganita Sutra 7	संकलनव्यवकलनाभ्याम् ।
Ganita Upsutra 7	यावदूनं तावदूनीकृत्य वर्गं च योजयेत् ।
Ganita Sutra 8	पूरणापूरणाभ्याम् ।

Ganita Sutra 9	चलनकलनाभ्याम् ।
Ganita Upsutra 8	अन्त्ययोर्दशकेऽपि ।
Ganita Sutra 10	यावदूनम् ।
Ganita Upsutra 9	अन्त्ययोरेव ।
Ganita Sutra 11	व्यष्टिसमष्टिः ।
Ganita Upsutra 10	समुच्चयगुणितः ।
Ganita Sutra 12	शेषाण्यङ्केन चरमेण ।
Ganita Upsutra 11	लोपनस्थपनाभ्याम् ।
Ganita Sutra 13	सोपान्त्यद्वयमन्त्यम् ।
Ganita Upsutra 12	विलोकनम् ।
Ganita Sutra 14	एकन्यूनेन पूर्वेण ।
Ganita Upsutra 13	गुणितसमुच्चयः समुच्चयगुणितः ।
Ganita Sutra 15	गुणितसमुच्चयः
Ganita Sutra 16	गुणकसमुच्चयः ।
Om Tat Sat Iti Nirdesha ॐ तत् सत् इति निर्देशः	

II

First letter of the Text

- First letter of Ganita Sutras is 'ए' sixth vowel.
 - TCV (ए) = 6, Sathapatya 6-space.
 - Surya (सूर्य / Surya / Sun) is manifesting along 6-space format.
 - Hyper cube 6 is the manifested body of four folds in 4-space.
 - Hyper cube 6 is of 13 versions.
 - There are 13 geometries of 6-space.
 - 13 Versions of Hyper cube 6 are representative regular bodies of 13 geometries of 6-space.
 - TCV (सूर्य / Surya / Sun) = 13, 13th geometry of 6-space.
- '6' is first perfect number.

It is unique perfect number as

 - Its proper divisors are three namely '1, 2 & 3'.
 - Some of proper divisors = 1 + 2 + 3 = 6.
 - Product of proper divisors = 1 x 2 x 3 = 6.
 - All divisors of six are four namely '1, 2, 3 & 6'.
 - Product of all divisors = 1 x 2 x 3 x 6 = 6².
- Uniqueness of '6', the perfect number
 - Sum as well as product of proper divisors, both are equal to '6'.
 - This feature no more holds for second, third and fourth onwards perfect numbers.

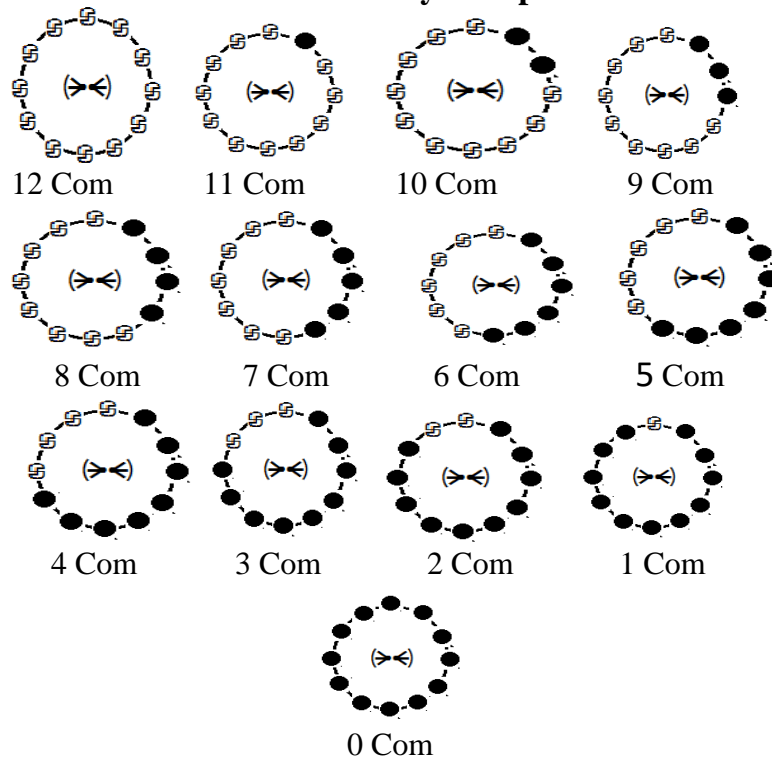
4. Sathapatya of 13 versions of Hyper Cube 6

- (i) Domain-boundary set up of Hyper Cube 6 is of formulation
- (ii) $A^6:12B^5$
- (iii) Transcendental (5-space) boundary of self referral (6-space) domain is of '12' components.
- (iv) These '12' components in a sequence, after their strip off from the domain make 13 versions, as domain respectively having

(12 Comp, 11 Comp, 10 Comp, 9 Comp,
8 Comp, 7 Comp, 6 Comp, 5 Comp,
4 Comp, 3 Comp, 2 Comp, 1 Comp,
0 Comp) boundary components.

Sathapatya of '13' geometries of 6-space

Com = Boundary Components



III Frequency of letter 'ए / sixth vowel' in text of Vedic Ganita Sutras & Upsutras

C0= Serial number, C1 = Sutra number, C2 = frequency of occurrence of letter 'ए' C3 = Upsutra no. C4 = frequency of occurrence of letter 'ए'

C0	C1	C2	C3	C4
1	Sutra 1	3	Upsutra 1	1
2	Sutra 4	1	Upsutra 2	2
3	Sutra 5	1	Upsutra 3	2
4	Sutra 6	1	Upsutra 4	1
5	Sutra 12	3	Upsutra 5	1
6	Sutra 14	3	Upsutra 7	1
7			Upsutra 8	1
8			Upsutra 9	1
total		12		10
			Grand total	22

C1= Letter,

C2= Frequency of the letter of Sutras in Sutras text,

C3 = Frequency of the letter of Upsutras in Upsutras text,

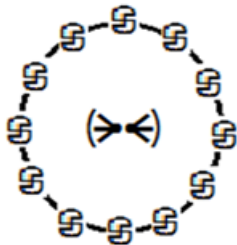
C4 =Total frequency of letter in text of Sutras and Upsutras,

C1	C2	C3	C4
ए	12	10	22

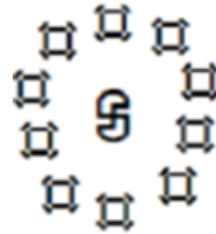
Summation of four folds (4, 5, 6, 7) of Hyper cube 6 is '22'.

Domain – boundary formulation of Hyper cube 6 is $A^6: 12B^5$

Domain – boundary formulation of Hyper cube 5 is $A^5: 10B^4$



$A^6: 12B^5$



$A^5: 10B^4$

4-space is creative dimension fold of Hyper Cube 6 while 5-space is transcendental boundary of Hyper Cube 6

IV

Creative dimensional frame of six dimensions of 6-space

1. Dimension fold of Hyper cube 6 is 4-space (Creative dimension).
2. There are six axes of 6-space. The dimensional frame is a set up of six creative dimensions

V

Transcendental boundary of 12 components of Hyper Cube 6

1. Boundary fold of Hyper Cube 6 is 5-space (transcendental boundary fold).
2. Transcendental boundary is of 12 components

VI

Values range 6, 16, 26, 36, 46

1. First letter is 'ए' / sixth vowel / TCV 'ए' = 6.
2. Sutras 16 Sutras
3. 7-space is origin of 6-space.
Summation value of four folds of Hyper cube 7 is 26
4. Distinct letters of text of Ganita Sutras and Upsutras is 36.

Letter

अ, आ, इ, ई, उ, ऊ, ऋ, ए, ओ, ऐ, . :

क्, ख, ग, ङ, च, ज्ञ, ट, ण, त्र, थ, द्

ध, न, प, भ, म, य, र, ल, व, श, स, ष

5. Words formulations of the text are 46
एकाधिकेन, पूर्वेण, निखिलं, नवतश्चरमं, दशतः, ऊर्ध्वतिर्यग्भ्याम्, परावर्त्य, योजयेत्
शून्यं, साम्यसमुच्चये, (आनुरूप्ये), शून्यमन्यत्, संकलनव्यवकलनाभ्याम्,
पूरणापूरणाभ्याम्, चलनकलनाभ्याम्, यावदूनम्, व्यष्टिसमष्टिः, शेषाण्यङ्केन, चरमेण,

सोपान्त्यद्वयमन्तम्, एकन्यूनेन, पूर्वेषु, गुणितसमुच्चयः, गुणकसमुच्चयः, आनुरूप्येण, शिष्यते, शेषसंज्ञः, आघमाघेनान्त्यमन्त्येन, केवलैः, सप्तकं, गुण्यात्, वेष्टनम्, यावदूनं, तावदूनम्, यावदूनं, तावदूनीकृत्य, वर्ग, च, योजयेत्, अन्त्ययोर्दशकेऽपि, अन्त्ययोरेव, समुच्चयगुणितः, लोपनस्थपनाभ्याम्, विलोकनम्, गुणितसमुच्चयः, समुच्चयगुणितः।

VII

6-space content (D-6)

1. 6-space content spectra is of four folds (6, 4, 4, 2) of summation value '16'

VIII

Formulation Ganit 'गणित'

Word	syllables	Letters	TCV	Summation value
1	3	6	18	28

TCV (ब्रह्म BRAHAM) = 28, a second perfect number.

IX

Vedic Mathematics class

Vedic Mathematics class opens with Vedic Mathematics prayer.

Vedic Mathematics class completes with Vedic Mathematics prayer.

Dr. S. K. Kapoor

24-04-2025