

## ORGANIZATION FORMAT OF GANITA SUTRAS

### Step – 74 : Ganita Upsutra-5

Text

वेष्टनम् । (*Vestanam*)

UPSUTRA - ष							
वेष्टनम्							
01	02	03	04	05	06	07	08
व्	ए	ः	द्	अ	न्	अ	म्
Total Letters			Vowels		Nasels		Consonents
8			3		-		5

### Arithmetic Working Rule

Osculators

1. The focus of this upsutra (upsutra-5) is upon the osculating feature.
2. To appreciate osculating feature, one may revisit artifice 8.
3. It would be relevant to note that artifice 8 admits re-organization as  $8 = 2^3$ .
4. The artifice  $8 = 2^3$  constitute a pairing with artifice  $1 = 1^3$  as that  $(1^3, 2^3)$  being parallel to the pair of cubes of 1 and 2 units lengths respectively.
5. One may have a pause here and take note that cube as representative regular body of 3-space is of linear dimensional order and accepts 7 versions.
6. This that way is the upper geometric limit of a linear order.
7. It is because of this feature that hyper circles 1 to 7 increase while hyper circle 8 onwards decrease.
8. It is this feature of artifice 8 which inherently results into oscillations.

9. Here it would be relevant to note that 3-space admits cut as 8 octants and parallel to it cube splits into 8 sub cubes
10. Further as that origin of 3-space is a seat of creator's space (4-space) and center of cube is of the format of features of hyper cube 4,
11. It is this feature of 4-space standing sealed at the origin of 3-space / center of cube, which deserves to be chased as 'osculating features'.
12. It would further help appreciate the re-organization of artifice  $13 = 4+5+4$  and parallel to it the organization of 13 Upsutras as first four Upsutras, central 5 Upsutras and end four Upsutras.
13. In this light Upsutras 5 to 9 be taken as a class and deserve to be chased as a central group.
14. The sequential transition from Ganita Upsutra 5 to Ganita Upsutra 9, as such shall be a blissful exercise to have comprehension of features of this central group of Upsutras.

Dr. S.K. Kapoor

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