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Phase 8
VALUES (Axioms & Postulates)
OF VEDIC GANITA SUTRAS

Phase 8.10
Vedic Ganita Sutras 8 and 9

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Abstract

Self-referral center is of inherent potentialities to unfold चक्र चक्रैषी Chakra Chakreshi / cyclic order of Sathapatya TCV (चक्र चक्रैषी) = 6 + 22 = 28 = H2 + H6 = D9 of existence phenomenon. It is located mid stream of 8-space and 9-space domains. The values pair (8, 9) is of organization format of pair of vertical opposite orientations $(2^3, 3^2)$. At base, it is of ascending order progression (2, 3) and at index it is of descending order progression (3, 2). Artifices of number value 8 are of Sathapatya of dimensional frame of 8-space. The artifices of number 9 are of Sathapatya of 9-space. Eight-fold nature is of format of 8-space. Nine fold Brahman domain is of the format of 9-space as origin of 8-space. Hyper cube 8, the representative regular body of 8-space in 4-space is of four folds (6, 7, 8, 9) of summation value 30. Parallel with TCV (अग्निकोण Agnicone) eight fold nature (अष्टप्रकृति Asht Prakrati) is of self referral (6-space) dimensional order, unity state (7-space boundary, 8-space domain and 9-space origin). It is at the origin, inherent potentialities unfolds and transcends as unity state चक्र चक्रैषी Chakra Chakreshi / cyclic order of Sathapatya TCV (चक्र चक्रैषी) = 6 + 22 = 28 = H2 + H6 = D9.

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1
Text

Ganita Sutra 8 पूरणापूरणाभ्याम् । Puranapuranabhyam
Vedic Code Value 26, TCV value 68

Ganita Sutra 9 चलनकलनाभ्याम् । Calana Kalnabhyam
Vedic Code Value 23, TCV value 59

2
Structural organization tables of text of Ganita Sutra 8

Ganita Sutra 8 पूरणापूरणाभ्याम् । Puranapuranabhyam

Table – 1
Vedic Ganita Sutra 8
Consolidated Ten folds of TCV values of Text formulation

पूरणापूरणाभ्याम् ।

W = (Word), **S**=(Syllables), **L**=(Letters), **T**=(TCV value)**, TT**=(Transcendence value), **FF**=(Pronouncing frequency value), **F**=(Formulation value) **H**=(Sathapatya value), **R**=(Transcendental range value), **SR**=(Synthesis of a pair of transcendental ranges value)

SN	1	2	3	4	5	6	7	8	9	10
Fold	W	S	L	T	TT	FF	F	H	R	SR
Value	1	7	16	68	37	374	194	240	500	1068

Table – 2
Letter wise Ten Folds
Vedic Ganita Sutra 8
पूरणापूरणाभ्याम् ।

C1 = Letter number, C2 = Vowel / Syllable, C3 = Letter, C4 = Letter TCV, C5 =(Transcendence value), **C6**=(Pronouncing frequency value), **C7**=Formulation value) **C8**=(Sathapatya value), **C9**=(Transcendental range value), **C10**=(Synthesis of a pair of transcendental ranges value)

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
1		प्	5		25	15	18	35	75
2	1	ऊ	6	5	26	10	22	40	86
3		र्	3		16	8	10	25	53
4	2	अ	1	9	21	8	2	15	31
5		ण्	7		27	14	26	45	97
6	3	आ	2	0	22	16	6	20	42
7		प्	5		25	15	18	35	75
8	4	ऊ	6	5	26	10	22	40	86
9		र्	3		16	8	10	25	53
10	5	अ	1	9	21	8	2	15	31
11		ण्	7		27	14	26	45	97
12	6	आ	2	0	22	16	6	20	42
13		भ्	8		28	11	30	50	108
14		य्	1		21	8	2	15	31
15	7	आ	2	0	22	16	6	20	42
16		म्	9	9	29	17	34	55	119

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Table – 3
Fifteen Cyclic phases uptill zero state

Vedic Ganita Sutra 8

पूरणापूरणाभ्याम् ।

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C0 = Cyclic phase, C1 to C16 TCV values of letters 1 to 16, C17 = Cyclic value C18 = Grand Cyclic value uptill the cycle

C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
1	5	6	3	1	7	2	5	6	3	1	7	2	8	1	2	9	68	68
2	1	3	2	6	5	3	1	3	2	6	5	6	7	1	7	4	62	130
3	2	1	4	1	2	2	2	1	4	1	1	1	6	6	3	3	40	170
4	1	3	3	1	0	0	1	3	3	0	0	5	0	3	0	1	24	194
5	2	0	2	1	0	1	2	0	3	0	5	5	3	3	1	0	28	222
6	2	2	1	1	1	1	2	3	3	5	0	2	0	2	1	2	28	250
7	0	1	0	0	0	1	1	0	2	5	2	2	2	1	1	0	18	268
8	1	1	0	0	1	0	1	2	3	3	0	0	1	0	1	0	14	282
9	0	1	0	1	1	1	1	1	0	3	0	1	1	1	1	1	14	296
10	1	1	1	0	0	0	0	1	3	3	1	0	0	0	0	1	12	308
11	0	0	1	0	0	0	1	2	0	2	1	0	0	0	1	0	8	316
12	0	1	1	0	0	1	1	2	2	1	1	0	0	1	1	0	12	328
13	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	8	336
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	352
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	352

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3

Structural organization tables of text of Ganita Sutra 9

Ganita Sutra 8 पूरणापूरणाभ्याम् । Puranapuranabhyam

Table – 4
Vedic Ganita Sutra 9
Consolidated Ten folds of TCV values of Text formulation
चलनकलनाभ्याम् ।

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W = (Word), **S**=(Syllables), **L**=(Letters), **T**=(TCV value)**, TT**=(Transcendence value), **FF**=(Pronouncing frequency value), **F**=(Formulation value) **H**=(Sathapatya value), **R**=(Transcendental range value), **SR**=(Synthesis of a pair of transcendental ranges value)

SN	1	2	3	4	5	6	7	8	9	10
Fold	W	S	L	T	TT	FF	F	H	R	SR
Value	1	7	16	59	84	380	183	208	460	980

Table – 5
Letter wise Ten Folds
Vedic Ganita Sutra 9
चलनकलनाभ्याम् ।

C1 = Letter number, C2 = Vowel / Syllable, C3 = Letter, C4 = Letter TCV, C5 =(Transcendence value), **C6**=(Pronouncing frequency value), **C7**=Formulation value) **C8**=(Sathapatya value), **C9**=(Transcendental range value), **C10**=(Synthesis of a pair of transcendental ranges value)

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
1		च्	2		22	16	6	20	42
2	1	अ	1	6	21	8	2	15	31
3		ल्	5		25	15	18	35	75
4	2	अ	1	15	21	8	2	15	31
5		न्	8		28	11	30	50	108
6	3	अ	1	24	21	8	2	15	31
7		क्	4		24	12	14	30	64
8	4	अ	1	12	21	8	2	15	31
9		ल्	5		26	10	22	40	86
10	5	अ	1	18	21	8	2	15	31
11		न्	8		28	11	30	50	108
12	6	आ	2	0	22	16	6	20	42
13		भ्	8		28	11	30	50	108
14		य्	1		21	8	2	15	31
15	7	आ	2	0	22	16	6	20	42
16		म्	9	9	29	17	34	55	119

Table – 6
Seventeen Cyclic phases uptill zero state
Vedic Ganita Sutra 9
चलनकलनाभ्याम् ।

C0 = Cyclic phase, C1 to C16 TCV values of letters 1 to 16, C17 = Cyclic value C18 = Grand Cyclic value uptill the cycle

C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
1	2	1	5	1	8	1	4	1	5	1	8	2	8	1	2	9	59	59
2	1	4	4	7	7	3	3	4	4	7	6	6	7	1	7	7	78	137
3	3	0	3	0	4	0	1	0	3	1	0	1	6	6	0	6	34	171
4	3	3	3	4	4	1	1	3	2	1	1	5	0	6	6	3	46	217
5	0	0	1	0	3	0	2	1	1	0	4	5	6	0	3	0	26	243
6	0	1	1	3	3	2	1	0	1	4	1	1	6	3	3	0	30	273
7	1	0	2	0	1	1	1	1	3	3	0	5	3	0	3	0	24	297
8	1	2	2	1	0	0	0	2	0	3	5	2	3	3	3	1	28	325
9	1	0	1	1	0	0	2	2	3	2	3	1	0	0	2	0	18	343
10	1	1	0	1	0	2	0	1	1	1	2	1	0	2	2	1	16	359
11	0	1	1	1	2	2	1	0	0	1	1	1	2	0	1	0	14	373
12	1	0	0	1	0	1	1	0	1	0	0	1	2	1	1	0	10	383
13	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	1	12	395
14	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	8	403
15	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	8	411
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	427
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	427

4
Transition from ten place value to sixteen place value

Number value 'N' of Ten place value is 'N+6' in sixteen place value.
Numbers range 1 to 10 is of sixteen factors.
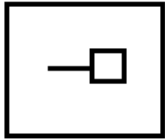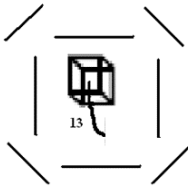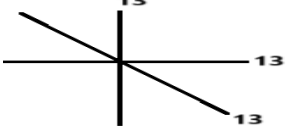TCV (षट /Shat / six) = 10.
TCV (दश Dash / ten) = 10.
N = 16 becomes 22 of ten place value in 16 place value.
N = 16 becomes 10 of ten place value in 4 place value.

5
Factors of Number values ranges

i.   Values range (1, 2, 3, 4) is of five factors
ii.   Number values range (1, 2, 3, 4, 5) is of six factors
iii.   Number values range (1, 2, 3, 4, 5, 6) is of eight factors
iv.   Here sequentially number values 1 to 4, 1 to 5 and 1 to 6, as of range lengths 4, 5, 6 are of factors 5, 6, 8 and there is a jump over '7'. TCV (सप्त Sapt / Seven) = 14 = 2 x 7.
v.   Value 14 is parallel with summation value of four folds (2, 3, 4, 5) of spatial order 4-space. Here in 4-space arithmetic is along spatial dimension and is of '2 as 1' unit.
vi.   3-space is a linear order space, while 4-space is a spatial order space.
vii.   Numbers 1, 2 and 3 each is of factor '1'.
viii. Number 4 is of two factors each factor being '2'.
ix.   Swateshwara Upnishad (*chapter 6 mantra 3 (ii)* 'एकेन द्वाभ्यां त्रिभिरष्टभिर्वा कालेन चैवात्मगुणैश्च सूक्ष्मैः३ ।') preserves the enlightenment that for reach in subtle domains (सूक्ष्म Suksham), one is to follow the quadruple steps (1, 2, 3, 8) cycles.
x.   Quadruple values (1, 2, 3, 8) are of organization (1 x 1, 1 x 2, 1 x 3, 2 x 4), as an integrated format of linear order of three steps, followed by a spatial steps, parallel with the Sathapatya of the feature of a surface permitting a synthetic set up of a line and a surface.
xi.   Within 4-space domain, 12 edged cube (solid) has a degree of freedom along the fourth dimension which manifests 13th edge set up and the same as a axis makes pair of axes as of value 26.
xii.   The values pair (13, 26) is parallel with the sequential values pair of formulations (क्रम समाप्ति karam samapati / sequential processing reach).
xiii. Summation value of pair of values (13, 26) is 39 which accepts format of a three dimensional frame of triple axes, each of value 13.

xiv. Synthesis value of a pair of axes, each of value 13 is 15. And the summation value of synthesis value of a pair of axes and third axes is 15 + 13 = 28, parallel with TCV (ब्रह्म).
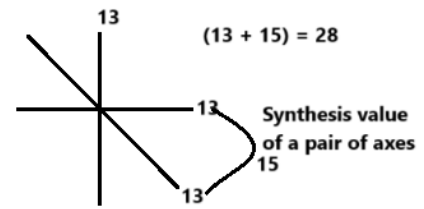
xv. The 10 place value '15' is '21' of 10 place value in (16 place value system).

xvi. These features are of Sathapatya of transcendental content flow from orb of the Sun manifesting as पूर्व Purva / East of TCV (पूर्व / Purva / East) = 21. The flow from East of value 21 is of factors 39. The value 39 is parallel with TCV (महेश्वर Maheshwar / Lord Shiv / 5-space lord), transiting and transforming as ब्रह्म Braham.
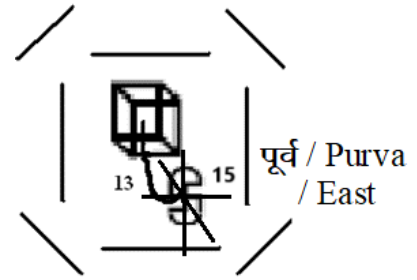
xvii. Value 13 is parallel with 13 geometries of 6-space. G^6_{13}.

Value 15 is parallel with 15 geometries of 7-space G^7_{15}

7-space is origin of 6-space.

xviii. $1 + 2 + 3 + 4 + 5 + 6 + 7 = 28$.
$0 + 1 + 2 + 3 + 4 + 5 + 6 + 7 = 28$.
$1 \times 1 + 1 \times 2 + 1 \times 3, 1 \times 4, 1 \times 5, 1 \times 6, 1 \times 7 = 28$.

xix. These are the unfolding feature of inherent potentialities of self-referral center (चक्र चक्रेषी Chakra Chakreshi) / cyclic order of Sathapatya TCV (चक्र चक्रेषी) = 6 + 22 = 28 = H2 + H6 = D9 of existence phenomenon.

xx. ध्रुव Dhurav / Pole Star is a 7-space body. It in its dynamic state makes dynamic state of (सूर्य Surya / Sun), TCV (सूर्य Surya / Sun) = 13 as of 13 cyclic phases for its fourteenth zero state.

1	21	30	16	34	22	33	24	42	222
2	9	14	18	12	11	9	18	21	112
3	5	4	6	1	2	9	3	12	42
4	1	2	5	1	7	6	9	7	38
5	1	3	4	6	1	3	2	6	26
6	2	1	2	5	2	1	4	5	22
7	1	1	3	3	1	3	1	3	16
8	0	2	0	2	2	2	2	2	12
9	2	2	2	0	0	0	0	2	8
10	0	0	2	0	0	0	2	0	4
11	0	2	2	0	0	2	2	0	8
12	2	0	2	0	2	0	2	0	8
13	2	2	2	2	2	2	2	2	16
14	0	0	0	0	0	0	0	0	0
	46	63	64	66	52	70	71	102	534

534 = 519 + 15,

519 = total letters of 16 Ganita Sutras and 13 Ganita Upsutras;

29 = 16 + 13 = 29 = TCV (ब्रह्मा / Brahma / Creator)

Value '15' is parallel with '15' cyclic phases reach at zero state of Ganita Sutra '8'

Table – 7
Fifteen Cyclic phases uptill zero state
Vedic Ganita Sutra 8
पूरणापूरणाभ्याम् ।

C0 = Cyclic phase, C1 to C16 TCV values of letters 1 to 16, C17 = Cyclic value C18 = Grand Cyclic value uptill the cycle

C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
1	5	6	3	1	7	2	5	6	3	1	7	2	8	1	2	9	68	68
2	1	3	2	6	5	3	1	3	2	6	5	6	7	1	7	4	62	130
3	2	1	4	1	2	2	2	1	4	1	1	1	6	6	3	3	40	170
4	1	3	3	1	0	0	1	3	3	0	0	5	0	3	0	1	24	194
5	2	0	2	1	0	1	2	0	3	0	5	5	3	3	1	0	28	222
6	2	2	1	1	1	1	2	3	3	5	0	2	0	2	1	2	28	250
7	0	1	0	0	0	1	1	0	2	5	2	2	2	1	1	0	18	268
8	1	1	0	0	1	0	1	2	3	3	0	0	1	0	1	0	14	282
9	0	1	0	1	1	1	1	1	0	3	0	1	1	1	1	1	14	296
10	1	1	1	0	0	0	0	1	3	3	1	0	0	0	0	1	12	308
11	0	0	1	0	0	0	1	2	0	2	1	0	0	0	1	0	8	316
12	0	1	1	0	0	1	1	2	2	1	1	0	0	1	1	0	12	328
13	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	8	336
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	352
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	352

6
कृष्णद्वैपायन Krishandwayapayan

क्	ऋ	ष्	ण्	अ	द्	व्	ऐ	प्	आ	य्	अ	न्	अ
1	4	6	7	1	6	7	8	5	2	1	1	8	1

कृष्णद्वैपायन Krishandwayapayan (व्यास Vyas), compiled Braham Sutra, essence of Upnishads. The formulation (कृष्णद्वैपायन) is of TCV value 58 = 29 + 29 = TCV (ब्रह्मा) + TCV (ब्रह्मा)

Numbers pair (28, 30) are of ranges 1 to 28 and 1 to 30 and are of factors respectively 56 and 60 range 1 to 28 as factors 56 = 28 + 28 and range 1 to 30 as factors 60 = 30 + 30 are inherently of features as that number 28 duplicate itself and likewise number 30 as well duplicate itself. 28 = D9, 9-space content spectra (9, 7, 7, 5). 30 is parallel to summation value of four folds (6, 7, 8, 9) of hyper cube 8, representative regular body of 8-space in 4-space. Nine space is origin of 8-space. At middle of numbers pair 28, 30 is number value 29 parallel to TCV (ब्रह्मा) = 29. TCV (कृष्णद्वैपायन) = 58 = 29 + 29.

Hereunder is tabulated the cyclic order of formulation (कृष्णद्वैपायन). It is the designation of Vyas, TCV (कृष्णद्वैपायन) is 58 and TCV (व्यास) is 14. The cyclic order is of 58 phases followed by 14 cyclic phases.

Table – 8
Total cyclic phases 78. Its repeating cycles
frequency is fourteen from 58 to 72.
कृष्णद्वैपायन

C0 = Cyclic phase, C1 to C16 TCV values of letters 1 to 14, C15 = Cyclic value C16 = Grand Cyclic value uptill the cycle

C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
1	1	4	6	7	1	6	7	8	5	2	1	1	8	1	58	58
2	3	2	1	6	5	1	1	3	3	1	0	7	7	0	40	98
3	1	1	5	1	4	0	2	0	2	1	7	0	7	3	34	132
4	0	4	4	3	4	2	2	2	1	6	7	7	4	3	49	181
5	4	0	1	1	2	0	0	1	5	1	0	3	1	3	22	203
6	4	1	0	1	2	0	1	4	4	1	3	2	2	1	26	229
7	3	1	1	1	2	1	3	0	3	2	1	0	1	3	22	251
8	2	0	0	1	1	2	3	3	1	1	1	1	2	0	18	269
9	2	0	1	0	1	1	0	2	0	0	0	1	2	2	12	281
10	2	1	1	1	0	1	2	2	0	0	1	1	0	0	12	293
11	1	0	0	1	1	1	0	2	0	1	0	1	0	2	10	303
12	1	0	1	0	0	1	2	2	1	1	1	1	2	1	14	317
13	1	1	1	0	1	1	0	1	0	0	0	1	1	0	8	325
14	0	0	1	1	0	1	1	1	0	0	1	0	1	1	8	333

15	0	1	0	1	1	0	0	1	0	1	1	1	0	1	8	341
16	1	1	1	0	1	0	1	1	1	0	0	1	1	1	10	351
17	0	0	1	1	1	1	0	0	1	0	1	0	0	0	6	357
18	0	1	0	0	0	1	0	1	1	1	1	0	0	0	6	363
19	1	1	0	0	1	1	1	0	0	0	1	0	0	0	6	369
20	0	1	0	1	0	0	1	0	0	1	1	0	0	1	6	375
21	1	1	1	1	0	1	1	0	1	0	1	0	1	1	10	385
22	0	0	0	1	1	0	1	1	1	1	1	1	0	1	9	394
23	0	0	1	0	1	1	0	0	0	0	0	1	1	1	6	400
24	0	1	1	1	0	1	0	0	0	0	1	0	0	1	6	406
25	1	0	0	1	1	1	0	0	0	1	1	0	1	1	8	414
26	1	0	1	0	0	1	0	0	1	0	1	1	0	0	6	420
27	1	1	1	0	1	1	0	1	1	1	0	1	0	0	9	429
28	0	0	1	1	0	1	1	0	0	1	1	1	0	1	8	437
29	0	1	0	1	1	0	1	0	1	0	0	1	1	1	8	445
30	1	1	1	0	1	1	1	1	1	0	1	0	0	1	10	455
31	0	0	1	1	0	0	0	0	1	1	1	0	1	0	6	461
32	0	1	0	1	0	0	0	1	0	0	1	1	1	0	6	467
33	1	1	1	1	0	0	1	1	0	1	0	0	1	0	8	475
34	0	0	0	1	0	1	0	1	1	1	0	1	1	0	7	482
35	0	0	1	1	1	1	1	0	0	1	1	0	1	0	8	490
36	0	1	0	0	0	0	1	0	1	0	1	1	1	0	6	496
37	1	1	0	0	0	1	1	1	1	1	0	0	1	0	8	504
38	0	1	0	0	1	0	0	0	0	1	0	1	1	1	6	510
39	1	1	0	1	1	0	0	0	1	1	1	0	0	1	8	518
40	0	1	1	0	1	0	0	1	0	0	1	0	1	0	6	524
41	1	0	1	1	1	0	1	1	0	1	1	1	1	0	10	534
42	1	1	0	0	1	1	0	1	1	0	0	0	1	1	8	542
43	0	1	0	1	0	1	1	0	1	0	0	1	0	0	6	548
44	1	1	1	1	1	0	1	1	1	0	1	1	0	0	10	558
45	0	0	0	0	1	1	0	0	1	1	0	1	0	1	6	564
46	0	0	0	1	0	1	0	1	0	1	1	1	1	1	8	572
47	0	0	1	1	1	1	1	1	1	0	0	0	0	1	8	580
48	0	1	0	0	0	0	0	0	1	0	0	0	1	1	4	584
49	1	1	0	0	0	0	0	1	1	0	0	1	0	1	6	590
50	0	1	0	0	0	0	1	0	1	0	1	1	1	0	6	596
51	1	1	0	0	0	1	1	1	1	1	0	0	1	0	8	604
52	0	1	0	0	1	0	0	0	0	1	0	1	1	0	5	609
53	1	1	0	1	1	0	0	0	1	1	1	0	1	0	8	617
54	0	1	1	0	1	0	0	1	0	0	1	1	1	1	8	625
55	1	0	1	1	1	0	1	1	0	1	0	0	0	1	8	633
56	1	1	0	0	1	1	0	1	1	1	0	0	1	0	8	641
57	0	1	0	1	0	1	1	0	0	1	0	1	1	1	8	649
58	1	1	1	1	1	0	1	0	1	1	1	0	0	1	10	659
59	0	0	0	0	1	1	1	1	0	0	1	0	1	0	6	665

60	0	0	0	1	0	0	0	1	0	1	1	1	1	0	6	671
61	0	0	1	1	0	0	1	1	1	0	0	0	1	0	6	677
62	0	1	0	1	0	1	0	0	1	0	0	1	1	0	6	683
63	1	1	1	1	1	1	0	1	1	0	1	0	1	0	10	693
64	0	0	0	0	0	1	1	0	1	1	1	1	1	1	8	701
65	0	0	0	0	1	0	1	1	0	0	0	0	0	1	4	705
66	0	0	0	1	1	1	0	1	0	0	0	0	1	1	6	711
67	0	0	1	0	0	1	1	1	0	0	0	1	0	1	6	717
68	0	1	1	0	1	0	0	1	0	0	1	1	1	1	8	725
69	1	0	1	1	1	0	1	1	0	1	0	0	0	1	8	733
70	1	1	0	0	1	1	0	1	1	1	0	0	1	0	8	741
71	0	1	0	1	0	1	1	0	0	1	0	1	1	1	8	749
72	1	1	1	1	1	0	1	0	1	1	1	0	0	1	10	759

Conclusion

Further chase of cyclic order will help us to be face to face with the inherent potentialities of words formulations of text of Ganita Sutras and Upsutras.

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