

L'œuvre mathématique et astronomique  
de Bhāskarācārya

## Le Siddhāntaśiromani

L'arithmétique : Līlāvatī  
Chapitre 9 : Calculs sur des mélanges  
avec le commentaire Aṅkāmṛtasāgarī de  
Gaṅgādhara

édition, traduction et commentaires

par  
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# **Navamo 'dhyāyah**

## **Miśrakavyavahārah**

[Kalāntaram]

atha miśravyavahāra ārabhyate tatra sūtram sārdhavṛttam—

pramāṇakālena hataṁ pramāṇam  
vimiśrakālena hataṁ phalam ca  
svayogabhakte ca pṛthaksthite te  
5 miśrāhate mūlakalāntare stah || 90 ||  
yadveṣṭakarmākhyavidhes tu mūlam  
miśrāc cyutam tac ca kalāntaram syāt|

pramāṇarūpeṇa kālena pramāṇākhyam dhanaṁ hataṁ tathā gatene-  
şṭena kālena phalam hataṁ te ubhe gaṇite pṛthaksthe miśradhanena gu-  
10 ɳayitvā svayogena vibhājye mūladhanakalāntare dhane bhavataḥ| pramā-  
ɳān mūlam dhanaṁ phalāt kalāntaram dhanam iti|

**1–7** atha... syāt] vyavahārah- vivahārah- -i| vivahā -u ◇ ārabhyate- abhidhīyate -ā| bhyate -ka ◇ sārdha- sārdham -i ◇ kala(1)- phala -ā ◇ yadvā... syāt- om. -ka ◇ tu- ca -ā ◇ miśrāt- miśrā -a -ṛ -ka ◇ kala- phala -ā ◇ pādaū 5-6 na dr̥syete -ka

**8–11** pramāṇa... dhanam iti ] tāv ityagrato dr̥syate -ka ◇ pramāṇa(1)- ill. -ṛ ◇ rūpena- om. -ā| ill. -ṛ ◇ dhanam(1)- dhana -i ◇ hatam(1)- hate -kha ◇ gatena- gaṇitema -u| gata -ka ◇ iṣṭena- iṣṭa -ṛ ◇ kālena(2)- om. -i -u ◇ te- om. -ṛ ◇ gaṇite- guṇite -ā -u -ṛ -ṛ -ka -ga ◇ sthe- sthite -ā| stham -i ◇ miśra- iṣṭa -i ◇ yogena- yogyena -ka ◇ vibhājye- vibhājya -u| vibhājyet -ṛ -ṛ ◇ mūla- mūlāt -i| mūlāpanam -ū ◇ dhana- dhanam -i| om. -ū ◇ kala(1)- kāla -i -kha| om. -ū ◇ antare- antara -i -ṛ -ṛ -ka -kha| om. -ū ◇ dhane- om. -ā -i -ū ◇ bhavataḥ... dhanam(2)- om. -i -ū ◇ mūlam- mūla -ā -ka ◇ phalāt- om. -i -ū -ṛ ◇ antaram- om. -i| antara -u -kha

yadveti prakārāntarasūcanam | udāharaṇoktaprakāreṇeṣṭakarmavidhi-  
nā yan mūlam dhanam tan miśrāc cyutam śeṣam kalāntaram bhavatīti |

uddeśakah ślokaḥ—

## **pañcakena śatenābde**

pañcakena pratimāsam pañcakavṛddhikena śatenevyam rītyābde  
 varṣe gate sakalāntaram mūlam vrddhimūlyaikyam yadi sahasram prā-  
 10 ptam tatra kim mūlam dhanam kim kalāntaram iti vada

nyāsaḥ 1| 100| 5| 12| 1000|

atra pramāṇadhanam 100 pramāṇakālena māsesa 1 hatam 1001 gateṣṭena  
 kālena 12 phalam pramāṇākhyam 5 hataṁ 601 pṛthaksthayor yogo bhā-  
 jakah 1601 ādyo rāśih 100 miśrāhataḥ 100 000 bhājakena 160 bhakte  
 labdham mūladhanam 6251 dvitiro rāśih 60 miśreṇa hataḥ 60 000 bhāja-  
 kena 160 bhakte labdham kalāntaram dhanam 3751

atheṣṭakarmanā ca tadyathā prakalpitam iṣṭam 1 idam eva mūladha-

**1-2** yadvā... bhavatī ] yadveti- pādau 5-6 ityadhike -ka ◇ antara- antaram -r ◇ udāharaṇa- uhāraṇa -u ◇ vidhiñā- vidhina -kha ◇ mūlam- mūla -ā ◇ tat- om. -t ◇ miśrāt- miśra -āl miṣṭā -i ◇ cyutam- yutam -āl tatphalam -i

**3-10** uddeśakah... vada ] uddeśakah- uddeśakena -āl uddesakah -ul udāharaṇam -ṛ ◇ ślokaḥ- idamuddiśati -āl śloka -ul om. -ṛ -ṛ -ka ◇ svam- sva -i ◇ sa(1)- sva -ā ◇ tatra(1)-bhaktam -ka ◇ pañcaka- pañca -ū ◇ vr̥ddikenā- vr̥ddhiḥ kena -ul eka -ṛ ◇ evam- anayā -ṛ l aivam -ṛ ◇ abde- abdaiḥ -ā ◇ varṣe- varṣaiḥ -ā ◇ gate- om. -ā -ṛ ◇ vr̥ddhi(2)- taddhi -ṛ ◇ mülya- maulya -āl mūla -u -ṛ ◇ aikyam- aikye -āl aukyam -ū ◇ sahasram- sahasra -i ◇ prāptam- om. -ṛ ◇ kiṁ mūlam- mūlam kiṁ -i -ū ◇ mūlam(3)- mūla -ā -ṛ -ka ◇ dhanam- dhana -ṛ

**11–16** nyāsaḥ... dhanam 375] nyāsaḥ- *pr* *add.* -*u* ◇ 11 100| 51 121 1000|- 1/12//  
 100/1000//5/0 -ā ◇ 5(1)- *om.* -ṛ ◇ *pramāṇa*(1)- *pramāṇam* -ṛ ◇ *māsena*- *om.* -ā -*i* ◇  
 1(2)- *om.* -*i* -ṛ -ṛ -*ka* ◇ *hatam-* *san hatam add.* -*i* ◇ *gata-* *gatena* -*i* -ṛ -*kha* ◇ *iṣṭena*- *ista* -ṛ  
 ◇ *kālena*(2)- *kāle* -ū ◇ *phalam-* *phala* -ṛ ◇ *yogah-* *yo* -*i* ◇ *bhājakah* 160- 160 *bhājakah*  
 -*ka* ◇ *ādyah-* *ādyā* -ā ◇ *rāśih*(1)- *rāśi* -ā ◇ *miśra-* *dhanena* 1000 *add.* -ṛ ◇ *āhataḥ-* *hataḥ*  
 -ṛ *l* *āhata* -ṛ ◇ 100 000- 10 000 -ā ◇ *bhājakena*(1)- *anena add.* -*ka* ◇ 160(2)- *om.* -*i* -ū -ṛ  
 -ṛ ◇ *mūla-* *om.* -*i* -ū -*kha* *mūlam* -ṛ ◇ *dhanam*(2)- *om.* -*kha* ◇ 625- 825 -ā ◇ *rāśih*(2)-  
*rāśi* -*ka* ◇ *miśrena-* *miśraih* -ṛ *l* *miśrerā* -*ka* ◇ 60 000- 6 000 -*i* *pūrvokta add.* -*ka* ◇  
*bhājakena*(2)- *anena add.* -*ka* ◇ 160(3)- *om.* -ā -*i* -ū -ṛ -ṛ ◇ *bhakte*(2)- *labdhe* -ū ◇  
*kalāntaram-* *mūla* -ā ◇ *antaram-* *antara* -ṛ ◇ *dhanam*(3)- *om.* -ṛ

**2.17–3.2** atha... kim iti ] ca-om. -āl cet-ṛ ◇ tadyathā- sādhanam -āl yathā -ṛ ◇ praka-

nam vicintya pañcarāśikakalpanam yadi māse śataphalam pañca tadā va-  
rşa iṣṭasya 1 kim iti |

nyāsaḥ	1	12
	100	1
	5	

prāgvat sādhanena labdhāṁ phalam | 3 | idam rūpasya varṣe gate ka-  
5 |

5 lāntaram | idam mūladhanatayā kalpitena rūpeṇa miśram | 8 | atha dṛ-

ṣṭam 1 000 iṣṭena rūpeṇa gunyam iṣṭaphalena | 8 | bhaktam labdhāṁ mū-

ladhanam 625 | etan miśradhanāc cyutam śeṣam vṛddhidhanam iti 375 |

karaṇasūtram—

atha pramāṇair guṇitāḥ svakālā  
vyatītakālaghnaphaloddhṛtās te |  
svayogabhaktāś ca vimiśranihnāḥ  
prayuktakhaṇḍāni pṛthag bhavanti || 92 ||

pramāṇaiḥ pramāṇadhanaiḥ svakālāḥ pramāṇakālāḥ guṇitāḥ kāryāḥ |

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lpitam- kalpitam -ā -ū | kalpita -i ◇ iṣṭam- miśram -i ◇ mūla- om. -ṛ | mūlam -ṛ -ka ◇ vicintya... yadi- ekaṁ kalpitena rūpeṇa miśramatha iṣṭa -i ◇ vicintya- cityārtha -ū | pūrvarītyātha -ṛ | cintya -ṛ -kha | citya -ka ◇ rāṣika- rāśi -ā -ṛ | śika -ṛ | rāṣikam -kha ◇ śata- śatasya -ka ◇ iṣṭasya- ṣṭam kasya -i | kasya -ū ◇ 1(2)- om. -i -ū | ekasya -ṛ  
3-7 nyāsaḥ... vṛddhidhanam iti 375 ] nyāsaḥ- om. -i -ū -ṛ ◇ 1/12//100/1//5/ // 1/12//  
100/1//5/0// -ā -u -ṛ -ṛ -ka -kha ◇ sādhanena- sādhane -ā ◇ varṣe- varṣa -kha ◇ dhanatayā-  
dhanam tavā -ā | dhanam tathā -ṛ -ṛ -ka ◇ miśram- yutam -ā | miśritam -ṛ ◇ 8(1)- om. -i  
-ū -kha ◇ drṣṭam- iṣṭam -ā | miśram -ṛ ◇ iṣṭena- bhaktena -ṛ | iṣṭakena -ka ◇ rūpeṇa(2)-  
om. -ṛ ◇ gunyam- gunya -ā -i -ū -ṛ -ka -kha ◇ 8(2)- om. -ā -ṛ -ka ◇ labdhām(2)- om.  
-i -ū ◇ mūla(2)- mūlam -u -ṛ ◇ dhanāt- om. -u -kha ◇ cyutam- yutam -ā | sad add. -ā -ṛ  
-kal śata add. -i ◇ śeṣam- śeṣa -ṛ ◇ 375- om. -ṛ  
8-4 karaṇasūtram... bhavantī ] karaṇa- karna -i ◇ sūtram- sūtra -ka ◇ vṛttam- om. -ū  
◇ pramāṇa(1)- om. -ṛ ◇ kāryāḥ- kāryā -ṛ ◇ te(2)- om. -u -ṛ ◇ tathā- ta add. -ṛ ◇ vidhā-  
om. -i -ū | vidhāḥ -ṛ | vidha -ka ◇ kāla(2)- kala -kha ◇ guṇitaiḥ- guṇaiḥ -i -ū ◇ bhājyāḥ-  
bhājyā -ā -u -ṛ -kha | hāryāḥ -ū ◇ yogāḥ- om. -ṛ ◇ bhājakāḥ- bhājaka -ṛ ◇ tebhyaḥ- tathā  
-ṛ ◇ rāśibhyāḥ- om. -ū ◇ guṇana- gunaḥ sa -ṛ ◇ karmāṇā- karma -ṛ ◇ prayukta(2)- yukta  
-i -ū ◇ khaṇḍāni(2)- ṣaṇḍāni -i ◇ iti- om. -ā -ṛ -ṛ

te tathāvidhā rāśayaḥ svavavyatītakālaguṇitaiḥ svavaphalaī bhājyāḥ |  
tatas teṣāṁ yogo bhājakaḥ miśradhanāṁ guṇarāśih | evam tebhyo rā-  
śibhyo guṇanabhajanakarmaṇā pṛthak pṛthak prayuktakhaṇḍāni bhava-  
ntīti |

5 udāharanena spaṣṭīkaraṇārtham uddiṣyati—

**yatpañcakatrikacatuṣkaśatena dattam  
khaṇḍais tribhir gaṇaka niṣkaśatam ṣaḍūnam |  
māseṣu saptadaśapañcasu tulyam āptam  
khaṇḍatraye 'pi hi phalam vada**

[khaṇḍasamkhyām || 93 ||

10 yad dhanam ekena dhaninaikasyarṇino vāratrayam dattam tadyathā pañcakena śatena dattam kiṁ cit tasya saptamāsā gatā yac ca trikaśatena dattam kiṁ cit tasya daśamāsā gatā evam kiṁ cic catuṣkaśatena dattam tasya pañcamāsā gatāḥ |

15 evam pṛthak kāladattānām viśamavṛddhyā prayuktānām dhanasya khaṇḍānām trayam tais tribhiḥ khaṇḍaiḥ prayuktam | mūladhanaikyam ṣaḍūnam śatam teṣu ca māseṣu samam trayānām rāśinām kalāntaram ā-  
ptam yāvat prathamamadhyāntarāśinām tulyam phalam jātam ity arthaḥ |  
tatra he gaṇaka pṛthak pṛthak khaṇḍasthadhanapramāṇāni tathā samam  
20 vṛddhidhanām vada |

nyāsaḥ	1 1 7	1 1 10	1 1 5	
	100	100	100	
	5	3	4	

**5–10** udāharanena... samkhyām ] idam *ityagrato drṣyate* -ā -ṛ ◇ udāharanena- udāha-  
raṇe -ā -i -ū -ṛ -kha ◇ spaṣṭī...artham- *om.* -āl spaṣṭīkaraṇam -ṛ ◇ uddiṣyati- uddiṣati -ā  
-khal spaṣṭīkaroti -ṛ ◇ pañcaka- pañca -ā ◇ hi- ca -ā

**11–14** yad... gatāḥ ] ekasya- ekasya *add.* -ṛ ◇ ḥ- śaṇināḥ -ā ◇ vāra- vāre -ka ◇  
tat- *om.* -āl yat -ṛ ◇ sapta- sampūrṇa -ā ◇ yac ca- yaś ca -āl ekam -i -ūl kiṁ cit -ṛ ◇ trika-  
tṛtyā -i -ū ◇ kiṁ cit(2)- *om.* -ā -u -ṛ -kha ◇ daśa- trika -ā ◇ evam- ekaḥ -āl ekam -i -ū  
*om.* -ṛ ◇ dattam- kiṁ *cid add.* -i l kiṁ cit pañcaśatadrammapramāṇām dhanam *add.* -u  
**15–20** evam... vada ] khaṇḍānām- ṣaḍānām -ā ◇ taiḥ- teḥ -i l tataḥ -ṛ ◇ tribhiḥ- trebhiḥ  
-u l *om.* -ṛ ◇ khaṇḍaiḥ(2)- khaṇḍe -āl ṣandaiḥ -u -kha ◇ prayuktam- prayukta -ṛ ◇ mūla-  
mūlam -ṛ ◇ dhana(1)- dhanam -ṛ ◇ aikyam- kiṁ -ṛ ◇ ṣaḍūnam(2)- khaṇḍānām -ka ◇  
rāśinām(1)- rāśinā -ū ◇ kalāntaram- kālāntaram -ā -u -kha ◇ °māptam(2)- māsam -ā ◇  
āptam(2)- āyātam -ṛ ◇ yāvāt- *om.* -ṛ ◇ madhya- madhyam -ṛ ◇ anta- ata -āl antya -ṛ  
◇ tulyam(2)- tulya -ā ◇ sthadhana- svadhana -i -ūl dhanastha -u -kha l stam dhana -ṛ ◇  
pramāṇāni- mānāni -āl pramāṇānām -ṛ ◇ dhanam(2)- ca *add.* -ā -ṛ

**21** nyāsaḥ... //5/3/4// ] 1 1 7/1 1 10/1 1 5//100/100/100//5/3/4// – 1/7/1/10/5//100/0/100/-  
0/100//5/0/3/0/4// -ṛ

miśramūladhanam 94 pramāṇadhanaiḥ 100। 100। 100 svakālāḥ 1। 1। 1  
guṇitāś ca tāny eva vyatītakālaiḥ 7। 10। 5 hatāni phalāni 5। 3। 4 jātāni  
35। 30। 20।

prāgrāśayo hṛtāḥ | 100 | 100 | 100 | eteśāṁ pṛthaksthitānām eva ya-  
35 | 30 | 20 |

5 thāsamābhavam apavartya yogah | 235 | pūrvoktās trayo rāśayo miśra-  
21 |

dhanena 94 guṇitāḥ

9400	9400	9400
35	30	20

svayogena chedam lavam parivartya ityādi vibhajyāptāni pṛthag yathā-  
kramām mūladhanakhaṇḍāni 24। 28। 42।

10 etebhyah pañcarāśikāt pṛthak pṛthak sādhanena kalāntaram sādhyam

1–3 miśra... jātāni 35। 30। 20। ] ◇ miśra- miśram -ṭ̄ -ka ◇ mūla- mūlam -i -ū ◇  
dhanaiḥ- dhanāḥ -ṝ ◇ svakālāḥ- svakālāt -u। svakāla -ṝ ◇ 1। 1। 1- 1। 1 -u ◇ guṇitāś ca-  
guṇitāśa -i -ūl guṇitāghā -ṝ ◇ eva- phalāni add. -ā -ṭ̄ -ka ◇ kālaiḥ- kāle -i ◇ 5। 3। 5- om.  
-ka ◇ jātāni- guṇitāni -ṝ

4–7 prāgrāśayah... //35/30/20// ] prāgrāśayah- pramāṇasayah -i। pramānarāśayah -ū ◇  
hṛtāḥ- hataḥ -ā -i -ū ◇ 100/100/100//35/30/20/- 100। 100। 100 || 5|| 55 20 20 20 -  
i। 100/100/100//9400/9400/9400//35/30/20// -ū। yoga 235 add -i। yoga | 235 | add. -ū

◇ eteśām- om. -i -ū ◇ eva- eśām tṛṭīyahaktau sthānam add. -i -ūl || 5|| 5|| 5|| 5||-  
5|| 5|| 5|| 5|| 5|| 9400/9400/9400//35/30/20// 9400/9400/9400//35/30/20// add. -i  
◇ yathāsamābhavam- samada add. -i। samacheda add. -ūl eteśām pūrvam pañcabhir apa-  
vartate sati 20/20/20//7/6/4// yogo 'ntaram ity anena jātam 480/560/840//168/168/168//  
aṣṭabhir apavarta 60/70/105//21/21/21// yoge jātam add. -ṭ̄ ◇ apavartya- apavarta -i -  
khal apavartane -u। apavarte -ūl nyāsaḥ pañcabhir apavartite jātam 20/20/20//7/6/4//  
samacchedena jātam 480/560/840//168/168/168// yogo jātam | 1880 | aṣṭabhir apavartanāj

jātāḥ | 135 | add. -u ◇ yogah- yoga -i। svayogaḥ -u ◇ | 235 | 135 -āl marttyayogah | 335 | add.  
-i। om. -u। 9400/9400//30/30// -ū ◇ pūrvoktāḥ- | 235 | add. -ū ◇ rāśayah(2)- rāśyoḥ -ā ◇

94- om. -ā guṇitāḥ- 14 add. -i। jātā add. -u -ū ◇ 9400/9400/9400//35/30/20// -om. -i -ū  
8–9 svayogena... 24। 28। 42। ] svayogena- svayogaḥ -i। anena | 235 | ete add. -u ◇ ādi-

ādinā -ā -u -ṝ ◇ vibhajya- vibhājyā -ū। vibhajyāni -ṝ ◇ pṛthak(2)- 2 add. -u -ṝ -ka ◇  
yathā(2)- add. -ṝ ◇ kramam- utkrama add. -āl krameṇa -ṝ ◇ mūla- om. -āl mūlam -ū ◇  
khaṇḍāni- khaṇḍagāni -ṝ

**5.10–6.2** etebhyah... //5// ] etebhyah- tebhyah -i -ū ◇ pṛthak(2)- om. -ṝ -ṭ̄ -ka ◇ sādha-  
nena- śodhanena -ā ◇ kala- kāla -ṝ ◇ sādhyam- sādhanam -ṝ ◇ 1/7//100/24//5// - 1/7//  
100/24//5/42//0/5// -āl 1/7//100/24//5/0// -ṝ -ṭ̄ -ka

tadyathā nyāsaḥ

1	7
100	24
5	

yadi māsenā śatasya vṛddhiḥ pañca tarhi saptamāsaiś caturvīṁśatyāḥ kim  
itiḥ evam khaṇḍatraye 'pi pañcarāśikatrayam prakalpya trayānāṁ samam  
5 kalāntaram dhanam

42	42	42
5	5	5

aṣṭau rūpāṇi tathā rūpasya dvau pañcāṁśāv itiḥ

samakalāntarakaraṇe sūtram vṛttam—

**māsaphalam yady adhikam**

10                   **kaniṣṭharāshēḥ samadhikarāśiphalātḥ**  
**māsaphalāntarabhaktam**  
**rāśidvītyāntaram kālah || 94 ||**

yatra dvau rāśī dattau samakālam evālpo rāśir adhikaphalena tathā-  
dhiko rāśir ūnaphalena tayo rāśyoḥ samaphalam kadā syād iti praśne mū-  
15 ladhanāntaram māsaphalāntareṇa bhaktam sat samavṛddhikāḥ kālo bha-  
vatiḥ

atrādhikarāśer adhikaphalatve 'lparāśer alpaphalatve samavṛddhya-  
bhāvāt svayam eva sūtre vyaktam uktam *māsaphalam yady adhikam* ity  
ādiḥ

**3–7** yadi... pañcāṁśāv iti ] vṛddhiḥ- *om.* -ā ◇ sapta- sama -ā -ka ◇ tarhi- tadā -ṛ ◇  
vīṁśatyāḥ- vīṁśatyām -āl vīṁśatyā -ū -ṛ ◇ api- *om.* -ṛ -ṛ ◇ rāśika- rāśikam -ūl rāśi  
-ṛ ◇ prakalpya- prakalpa -i -ū ◇ samam- sama -ā -u -ṛ -kha ◇ kālāntaram- kālāntara  
-ṛ ◇ dhanam- *om.* -u -khal jātam *add.* -ka ◇ 42/42/42//5/5/5// – chedabhakte labdham  
dhanam 8/2/5// *add.* -u ◇ aṣṭau- aṣṭa -ā ◇ tathā- *om.* -ṛ

**8–12** samakalāntara... kālah ] atha *ity agrato dr̄śyate* -ka ◇ sama- sa -ā ◇ yadi- cet -ā  
◇ kaniṣṭha- kaniṣṭha -ā ◇ sam- tu -ā -ṛ -ka ◇ adhika- adhikā -ū ◇ antara(2)- antarapha  
-ṛ ◇ dvītya- dvitaya -i -kal dvitīya -kha

**13–16** yatra... bhavati ] yatra... alpah- *om.* -ū -ṛ ◇ dattau samakālam eva- samakālam  
eva dattau -u ◇ eva- tatra *add.* -u ◇ adhikāḥ(1)- adhikā -ū ◇ ūna- ūpa -āl nyūna -ū ◇  
phalam- phalatvam -u ◇ kadā- ka -ū ◇ vṛddhikāḥ- vṛddhi -i -ūl vṛddhikā -ṛ ◇ kālah-  
*om.* -ṛ

**17–19** atra... ity ādi ] rāśeh(1)- rāśih -ā -ṛ -kha ◇ rāśeh(2)- rāśau -āl rāśih -i ◇ alpa(2)-  
*om.* -ū ◇ phalatve(2)- tve -ul *om.* -ū ◇ vṛddhyā°- vṛddhyā -āl vyaya -ṛ ◇ svayam- ayam  
-āl samam -ṛ ◇ vyaktam- vyavaktam -ṛ ◇ māsa- sama -ṛ ◇ adhikam- adhikām -kha

udāharanam—

**pañcakaśatena dattam**  
**rūpaśatam dvikaśatena datte dve**  
**jñāte phalapramāṇe**  
**5 samavṛddhiḥ kena kālena || 95 ||**

rūpaśatam pañcakaśatavṛddhyā dattam dve śate dvikaśatavṛddhyā datte tad atra mūlaphalayor jātayoh samakālam dattayo rāsyoh kiyatā kālena samam dhanam bhavitīti |

nyāsah	1	1	
	100	200	
	5	2	

- 10 atra mūladhanāntaram 100। phalayor ekatra māsaphalam 5 aparatra 4 e-taylor antareṇa 1 bhāge hṛte labdhāḥ samadhanakaraṇakālamāsāḥ 100। atha pañcarāśikayoh kalpanam | yadi māse śatasya pañca tarhi śatamāsaiḥ śatasya kim iti |

nyāsah	1	100	
	100	100	
	5	100	

- 15 yathoktakaraṇena labdham kalāntaram 500।

**1–5** udāharanam... kālena ] udāharanam- udā° -u -khaḥ udāharanena spaṣṭayati -ṛ ◇ śatena(2)- dattena add. -ṛ ◇ jñāte...kālena- mūlena [mūle -ā] phaladvayayoh [phalagapiyayoh -ā] samatā syāt kena kālena -ṛ ◇ phala- phale -i -ū -kha ◇ sama- māsa -kha ◇ vṛddhiḥ- mṛddhi -ṝl vṛddhi -kha

**6–8** rūpa... bhavatīti ] rūpa...kālena- om. -ṛ ◇ śata(1)- om. -u ◇ dvika- dvi -i -ū ◇ śata(2)- om. -u ◇ vṛddhyā(1)- vṛddhau -ā ◇ tat- om. -ā -ū ◇ phala- om. -ṛ ◇ jātayoh- ityayāḥ -i iti -ūl ajñātayoh -ṛ ◇ kālam- kāla -ū ◇ dattayoh- dattam yo -āl dattayā -i ◇ rāsyoh- rāsyo -ka ◇ kiyatā- kim sama -ṛ ◇ samam- sama -ā ◇ iti- om. -ū

**9** nyāsah... //5/2// ] 1/1//100/200//5/2// – 1/1//100/200//5/5// -āl 1//1//100/100/100- 200//5/12// -ṝl om. -ka

**10–13** atra... kim iti ] phalayoh- phalayo -i l om. -ṛ ◇ ekatra- akatra -ṛ ◇ aparatra- dviśatavād add. -āl °tra ill. -ṛ ◇ 4- om. -ṛ ◇ etayoh- ekayoh -ṛ ◇ 1- om. -i -ū -ṛ -ka ◇ labdhāḥ- labdhāḥ -aḥ labdham -u -kha ◇ karaṇa- rāṇa -i ◇ atha- om. -ṛ ◇ pañca(1)- pañceka -ū ◇ rāśikayoh- rāśikayo -ā -i -ū ◇ śata- śataih -ā -u -ṛ -ka -kha ◇ śatasya(2)- om. -i -ū -ṝl phalam add. -ka

**14–2** nyāsah... kim iti ] dvitīya- dvitīyam -i -ū -ṛ ◇ pañca- pañcaka -ūl om. -ṛ ◇ śatasya(1)- śata -i ◇ phalam(1)- phala -ā ◇ śata- śataih -u ◇ māsaiḥ- om. -u ◇ dvi-om. -ṛ

dvitīyapañcarāśikam | yadi māse śatasya phalaṁ dvayam tarhi śatamāśair  
dviśatasya kim iti |

nyāsaḥ	1	100	
	100	200	
	2		

labdhāṁ māsaphalaṁ 400 | mūlakalāntarayutau jātau samarāśī | 600 |  
600 |

5 evam sarvatra vicāraṇīyam iti |

prakṣepake karaṇasūtram vṛttardham—

**prakṣepakā miśrahatā vibhaktāḥ  
prakṣepayogena pṛthak phalāni || 96 ||**

prakṣipyanta iti prakṣepakāḥ bahavo rāśayaḥ ekatra prakṣipyā vyāpā-  
rāntarakaraṇam | prakṣepakāḥ tadutthām phalaṁ miśram iti jñeyam | te  
10 ca prakṣepakāḥ pṛthaksthā miśrāśinā hatāḥ prakṣepayogena vibhaktāḥ  
pṛthak phalāni bhavanti |

udāharaṇenoddiśati—

**pañcāśad ekasahitā gaṇakāṣṭaṣṭih**

15 **pañconitā navatirādīdhanāni yeśām |**

**prāptā vimiśritadhanais triśatī tribhis tāih**

**vāṇijyato vada vibhajya dhanāni teśām || 97 ||**

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**3–5** nyāsaḥ... vicāriṇīyam iti ] ◇ nyāsaḥ(2)- om. -i -ū -ṛ ◇ 1/100//100/200//2/ // – om.  
-i -ū | yathoktakaraṇena add. -u | pūrvoktaprakareṇa add. -ka ◇ antara- antaram -ā -i |  
100| 100 add. -ā ◇ yutau- yuto -u ◇ jātau- om. -ā -ṛ ◇ sama- samaū -ū -ṛ -ka -kha | om.  
-ṛ ◇ sarvatra- om. -i -ū ◇ vicāraṇīyam- vicāriṇīyam -ṛ

**6–8** prakṣepake... phalāni ] atha *ityagrato drśyate* -ā -ṛ ◇ prakṣepake- prakṣepaka -ā -ṛ  
◇ karaṇa- karaṇe -ā ◇ sūtram- om. -āl sūtra -kha ◇ yogena- yoge -ṛ

**9–12** prakṣipyante... bhavanti ] prakṣipyante- prakṣepata -āl prakṣepyante -u -kal prak-  
ṣipyate -ūl prakṣepyate -ṛ ◇ prakṣepakāḥ(1)- prakṣepakāḥ -ā ◇ bahavaḥ- haro -ā ◇  
prakṣipyā- kṣiptam -ā ◇ prakṣepakāḥ- prakṣepaka -i | prakṣepake -ū ◇ uttham- udjam  
-āl uttha -u -ṛ | ustham -ū ◇ miśram- om. -āl miśra -kal phalam add. -ka ◇ te- sa -ṛ ◇  
prakṣepakāḥ(2)- prakṣepakām -i -ū ◇ rāśinā- dhanena -u ◇ hatāḥ- guṇitāḥ -u ◇ prakṣepa-  
pa ill. -u

**13–17** udāharaṇa... teśām ] udāharaṇena- udāo -āl udāharaṇam -ṛ ◇ uddiśati- om. -ā  
-ṛ ◇ vimiśrita- vimiśrata -ka ◇ vāṇijyataḥ- vāṇijyām -ka ◇ vāda- om. -ka ◇ vibhajya-  
om. -ka

yeśāṁ vanījām evam mūladhanāny ekādhikā pañcāśad ekasyāṣṭādhibhā ṣaṣṭī aparasya pañconā navatir anyasyeti taiḥ svadhanāny ekatra kṛtveta miśradhanaiḥ kṛtvāṇijyaiḥ vāṇijyāt triśatī prāptā teṣāṁ svasva-mūlānusāreṇa vibhajya bhāgadhanāni vadeti |

- 5 nyāsaḥ 51 68 185 | utpannam miśradhanam 300 prakṣepayogaḥ 204 |  
 prayuktaprakṣepakāḥ 51 68 185 miśradhanena 300 guṇitāḥ svayogena  
 bhaktāḥ jātāni svasvabhāgadhanāni 75 100 125 | etāny ādīdhanair ū-  
 nāni lābhāḥ 24 32 40 |
- athavā miśradhanam 300 ādīdhanena 204 ūnam sarvalābhayogaḥ 96 | e-  
 10 tasmād vā miśrāt prakṣepakebhyaḥ prāgvat siddhāḥ lābhabhāgāḥ 24 32 40 |
- athavā pṛthak traīrāśikakalpanayā yadi mūladhanena 204 ādyabhāgāḥ 51  
 tarhy utpannadhanena 300 kim iti sādhanena jātās ta eva rāśayaḥ 75 100 125 |
- 15 anena prakāreṇa sarvatrodāharanām cintyam |  
 yathoktam gaṇitasāre gaṇakaviṣṇunā—

**1–4** yeśām... vadeti ] yeśām- eśām -ṛ ◇ evam- eva -u | om. -ū ◇ dhanāni(3)- dhanā -ā ◇ adhikā(1)- adhikāḥ -ā ◇ adhikā(2)- adhika -ā -ṛ -khal daśa -i | adhikāḥ -ṛ ◇ taiḥ- om.  
 -ṛ ◇ sva(1)- svasva -i -ū | om. -ṛ ◇ dhanāni(2)- om. -ṛ ◇ ekatra- ekī -ā ◇ kṛtvā- kṛtya -āl  
 kṛta -ṛ ◇ iti(2)- vi -āl om. -ṛ ◇ miśra- miśraiḥ -u ◇ triśatī- trimśatī -i | triśati -ū | trimśatī  
 -ka ◇ prāptā- prāptāḥ -āl prāptāt -ṛ ◇ svasva- sva -ā

**5–8** nyāsaḥ... lābhāḥ 24 32 40 ] utpannam- atra -āl utpanna -ṛ ◇ prayukta- ukta -āl  
 prayukta -ṛ ◇ prakṣepakāḥ- pradekṣepakāḥ -ka ◇ dhanena- dhane -ū ◇ 300- om. -i -u  
 -ū -kha ◇ sva(1)- svasva -i ◇ yogena- yoge -i -ū ◇ bhaktāḥ- vibhaktāḥ -ū ◇ jātāni- jātā  
 -ā ◇ svasva- sva -u ◇ dhanaiḥ- 51 68 185 add. -ā ◇ ūnāni- ūnitāni -ṛ ◇ 32- 35 -ka

**9–15** athavā... cintyam ] 300(1)- jātam add. -i 30 300 -ū ◇ ādi... 204- om. -i -ū ◇  
 dhanena(1)- dhanaikyena -ka ◇ 204- om. -ā ◇ ūnam- jātām add. -āl ūna -ṛ ◇ lābha(1)-  
 lābhe -ā ◇ yogāḥ- om. -āl yogā -u -kha ◇ lābhabhāgāḥ- om. -ā ◇ pṛthak- sūtreṇa add. -ṛ  
 ◇ dhanena(2)- dhanaiḥ -ā -ṛ -ṛ -khal dhane -kha ◇ bhāgāḥ- bhāgā -ā -ṛ -ka -khal bhāga  
 -u ◇ 51- om. -i -ū | 1 -ṛ ◇ utpanna- śata -ā ◇ dhanena(3)- trayeṇa -āl dhane -i -ṛ ◇  
 sādhanena- sādhaniḥ -u lāvanena -ṛ ◇ rāśayaḥ- om. -ā ◇ udāharanām- gaṇitam -āl  
 udāḥ -u lādāharanā -ka ◇ cintyam- vicintyam -ka

**16–4** yathoktam... acirāt ] uktam- uktā -āl om. -ṛ ◇ sāre- sāreṇa -ka ◇ gaṇaka- pañḍita  
 -ā ◇ viṣṇunā- viṣṇunā -ṛ ◇ śatam- śata -ā ◇ daśa(1)- daśa -āl deśa -i ◇ ūnāni- ūnitam -ā ◇  
 śatāni- śattānām -ṛ ◇ aṣṭau- om. -ṛ ◇ trayam- trayā -ū ◇ ādhyam- ādhyā -ṛ ◇ ca- om. -ṛ  
 -ka ◇ śata(1)- śatam -ka ◇ śatāṣṭakam- dhika -ū ◇ dāśāśatāni- dāśatātāni -kha ◇ dhane-  
 dhanaiḥ -āl dhano -i ◇ grāmake- grāmakai -āl grāmakam -ka ◇ pra- ca -ā ◇ pravi- prati  
 -i ◇ bhājite- bhājate -u -khal bhājitenā -ṛ ◇ yugam- yutam -ā -ṛ | dvayam -ṛ ◇ vṛddham

*sārdham̄ pañcaśatam̄ daśonitaśatāny aṣṭau śatānām̄ trayam̄ /  
 ṣaṣṭyādhyam̄ ca śatāṣṭakam̄ daśaśatāny evam̄ dhane grāmake//  
 pañcānām̄ pravibhājite śatayugam̄ vriddham̄ tu pādonitam̄/  
 kiṁ tatra svavibhāgajam̄ vada dhanam̄ syāt tat pṛthaṇ me 'cirāt//*

5 nyāsaḥ 550। 790। 300। 860। 1000।

sarvagrāmamūladhanaṁ 3500। utpannam̄ pādonaśatadvayādhikam̄ 3675। sūtroktakaraṇāj jātam̄ svasvavibhāgajam̄ dhanam̄ niṣkāḥ prathasya 577 drammāḥ 8 dvitīyasya 829 drammāḥ 8 tritīyasya 315 cathurtasya 903 pañcamasya 1050 ityādi sarvatrohyam।

### [Vāpyādipūraṇam]

10 karaṇasūtram̄ vṛttārdham—  
**bhajec chido 'ṁśair atha tair vimiśrai  
 rūpam̄ bhajet syāt paripūrtikālah̄ || 98 ||**  
 chedān amśair bhajet tato vimiśrais tai rūpam̄ bhajed labdham̄ pūraṇakālo bhavati।  
 15 udāharanena spaṣṭayati—  
**ye nirjharā dinadinārdhatṛtiyaṣaṣṭaiḥ  
 sampūrayanti hi pṛthakpṛthaḡ eva muktāḥ!  
 vāpiṁ yadā yugapad eva sakhe vimuktās  
 te kena vāsaralavena tadā vadāsu || 99 ||**

tu pādo- gavyūdvayādau -ā ◇ ūnitam- tad add. -ā ◇ sva- add. -ā ◇ tat- om. -i l me -r ◇ pṛthak- pratha -ā ◇ me- ma -i l om. -r ◇ acirāt- vivarāt -r

5–9 nyāsaḥ... ūhyam ] 790- 390 -ā ◇ 1000- 100 -ā ◇ sarva- om. -i -ū ◇ grāma- varsāt -i ◇ dhanam 3500- ill. -r ◇ utpannam- utpanna -ā i -ū -ka ◇ pādona- pādena -ū ◇ dvayādhikam- labdhika -ā ◇ 3675- prākṣapakāni add. -ka ◇ sūtra- tatra -r ◇ vi- om. -i ◇ 577- 105 -ā ◇ drammāḥ(1)... 1050- om. -ā ◇ 829- niṣkā add. -r ◇ drammāḥ(2)- dra -r ◇ 1050... ūhyam- ill. -r ◇ sarvatra- sarvam -u

10–12 karaṇasūtram... kālah ] atha iti vākyasyādau dr̄syate -ka ◇ sūtram- sūtrārdham -r ◇ vṛttam- om. -r ◇ chido'ṁśaiḥ- chedāṁśaiḥ -i

13–14 chedān... bhavati ] chedān amśaiḥ- chido harā amśe bhāgaiḥ -āl chedān amśa -i l chedān amśaiḥ -u -kha l chedānām amśaiḥ -ka ◇ bhajet(1)- vibhajet -r ◇ tataḥ- api add. -ka ◇ vimiśraiḥ- vimiśri -r l miśraiḥ -r ◇ taiḥ- khai -ā ◇ pūraṇa- pūrṇa -i -kha ◇ bhavati- syāt -r

15–19 udāharanena... vadāsu ] udāharanena- idam uddeśakena -āl udā° -u l udāharanē -kha ◇ spaṣṭayati- uddisati -ā ◇ ṣaṣṭaiḥ- ṣaṣṭeh -i ◇ muktāḥ- muktā -ka ◇ eva- aiva -ka

vāpyām subaddhāyām catvāro nirjharāḥ te ca pṛthakpṛthaṇi muktāḥ  
santa evam vāpīm pūrayantye ko dinena dvitīyo dinārdhena tṛtīyo dina-  
tṛtīyāmṣena caturtho dināṣṭāmṣeneti | te yadi yugapan muktās tadā kena  
vāsarāmṣena pūrayanti |

5 nyāsaḥ | 1 | 1 | 1 | 1 |

1	2	3	6
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chedā amśair bhaktāḥ yathā | 1 | 2 | 3 | 6 | | eṣām yogāḥ | 12 | che-  
dam lavam parivartyeti rūpam bhaktam labdham vāpīpūraṇakālo dina-  
bhāgāḥ | 1 | pañca ghaṭya iti |

12
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### [Krayavikrayau]

karaṇasūtram vṛttam—

10 panyaiḥ svamūlyāni bhajet svabhāgair  
hatvā tadaikyena bhajec ca tāni |  
bhāgāmś ca miśreṇa dhanena hatvā  
mūlyāni panyāni yathākramam syuḥ || 100 ||

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**1–4** vāpyām... pūrayanti ] subaddhāyām- om. -ā ◇ nirjharāḥ- ill. -ṛ ◇ te(1) om. -ṛ ◇ ca-  
cet -ṛ ◇ pṛthak(2)- eva add. -ṭ ◇ muktāḥ(1)- yuktāḥ -u -kha ◇ evam- om. -u -ṭl eva -ka -  
kha ◇ vāpīm- vāpī -il vāpīm -ū ◇ pūrayanti(1)- tadyathā add. -ṛ ◇ ekaḥ- nirjharo muktaḥ  
satsampūrṇena add. -ṛ ◇ dvitīyah... pūrayanti(2)- pūrayati anyo dinārdhena pūrayati tato  
'nyo dina amśena pūrayaty anyas tu dinaṣṭāmṣena pūrayati tarhi sarve 'pi yugapad eva  
muktāḥ santāḥ kiyatā kālena pūrayatī aśu vada -ṛ ◇ dvitīyah- aparaḥ -ā ◇ dina(1)-  
dina add. -i ◇ ardhenā- ardham -i ◇ tṛtīyah- om. -āl tṛtīye -kha ◇ dina(2)- om. -ā -ṭ ◇  
amśena(1)- tṛtīya add. -ā ◇ ṣaṣṭi- ṣaṣṭi -ū ◇ iti- om. -u ◇ te yadi- yadi te -ka ◇ muktāḥ(2)-  
muktā -āl vimuktāḥ -ṛ ◇ vāsara- vāśara -ṛ ◇ pūrayanti- iti add. -i -kal pūryante -u -kha  
**5–8** nyāsaḥ... ghaṭya iti ] chedā amśaiḥ- chedāmṣaiḥ -ā -ṛ -ṭ -kal chedāmṣena -i | chedo  
'mṣaiḥ -ū ◇ bhaktāḥ- bhaktāḥ -ṛ ◇ yathā- om. -ā ◇ | 12 | anena add. -ṛ ◇ chedam- cheda  
-ka ◇ lavam- ca add. -ū ◇ labdham- om. -ṛ ◇ vāpī- vā -i -ṭl vāpīm -ṛ ◇ pūraṇa- pūrṇa  
-ā -i ◇ bhāgāḥ- bhāgāḥ -ā -u -ū -kha ◇ | 1 | | 12 | -ū ◇ ghaṭyah- 5 add. -ṭ  
**9–13** karaṇasūtram... syuḥ ] vṛttam- om. -u -kha ◇ aikyena- aikyāni -ā ◇ mūlyāni(2)-  
maulyāni -ā -ka ◇ kramam- kramāḥ -i

svasvamūlyāni svakīyabhāgair gunayitvā tataḥ panyair bhajet tatra ta-  
daikyam bhāgārthaṁ pṛthak kuryāc ca l tathā pṛthaksthāni miśradhanena  
hatvā yogena bhajed mūlyāni labhyante l tato bhāgān yathāsthitāṁś ca  
miśradhanena hatvā yogena bhajet panyāni bhavanti l svasvamūlyebhya  
5 uktaprakāreṇa mūlyāni bhāgebhyah panyānīti krameṇa labdhir iti l

udāharanena spaṣṭayati—

sārdham tanḍulamānakatrayam aho drammeṇa mānāṣṭakam  
mudgānām tu yadi trayadaśamītā etā vaṇīk kākiṇīḥ l  
ādāyārpaya tanḍulāṁśayugalam mudgaikabhāgānvitam  
10 kṣipram kṣiprabhujo vrajema hi yataḥ sārtho 'grato  
[ yāsyati || 101 ||

aho vaṇīg drammeṇa tanḍulānām sārdham mānatrayam labhyante  
drammeṇa mānāṣṭakam mudgānām labhyante tarhy etās trayodaśa kā-  
kiṇīḥ mad dattā ādāya tanḍulabhāgadvayam mudgaikabhāgayuktaṁ kṣi-  
15 pram arpaya hi yato vayam kṣiprabhujo vrajema yataś ca sārthaḥ loka-  
saṁgho 'grato yāsyati l

nyāsaḥ	drammaḥ 1	tanḍulamānāni	7	drammaḥ 1	mudgamānām 8
			2		

**1–5** svasvamūlyāni... labdhir iti ] bhāgaiḥ- bhāgena -i -ūl bhāge -u ◇ tataḥ(1)- svasva  
add. -ā -ṛ -ka ◇ ca(1)- om. -āl cet -ṛ ◇ sthāni- sthānāni -ā -u -ṛ -kha ◇ mūlyāni(2)...  
bhajet(3)- om. -ka ◇ mūlyāni(2)- labhyeta te mūlyāni add. -ā ◇ labhyante- iti add. -āl  
labhyate -ū ◇ bhāgān- ca add. -ṛ ◇ sthitāṁś ca- sthitāś ca -āl sthināṁtya -i ◇ svasva(3)-  
sva -ā -i -ū -ṛ ◇ mūlyebhyaḥ- mūlebhyah -i -u l ill. -kha ◇ prakāreṇa- ill. -kha ◇ krameṇa  
labdhir iti- om. -ṛ

**6–11** udāharanena... yāsyati ] udāharanena- udā° -u l udāharanam -ka ◇ spaṣṭayati-  
om. -u ◇ mudgānām- muṣṭinām -ka ◇ tu- ca -ā ◇ kākiṇīḥ- kākiṇī -ā ◇ yataḥ- yathā -i ◇  
sārthaḥ- sārthā -i

**12–16** aho... yāsyati ] aho...mad dattaḥ- aho āścaryam sārdham tanḍulamānakatrayam  
drāhmaṇa labhyate tu punaḥ mudgānām mānāṣṭakam trayodaśa kākiṇībhīr labhyate idam  
-ā ◇ aho- om. -ṛ -u ◇ vaṇīj- om. -u -ṛ ◇ drammeṇa(1)- om. -u -ṛ ◇ tanḍulānām- om. -i -ṛ  
-ṛ l yadi -ka -kha ◇ sārdham- om. -i l sārda -kha ◇ mānatrayam- om. -i l tanḍulamāna-  
katrayam -ṛ l mānakatrayam -kal mānatrayam -khal tanḍulā add. -ṛ -ka -kha l aho add.  
-ṛ ◇ labhyante(1)- om. -i l labhyate -ūl om. -ṛ l tathā add. -ṛ -ka -kha ◇ drammeṇa(2)-  
om. -i ◇ mudgānām- mudgā -i -ṛ -kal mudga -ū ◇ tarhi- nahi -i ◇ etāḥ- om. -ṛ l etā  
-ṛ -ka ◇ kākiṇīḥ- kākiṇīḥ ma -ū ◇ maddattā- matta -ṛ l mattā -ṛ l mitā -ka ◇ bhāga(1)-  
bhāgā -i ◇ yuktam- yukta -ā ◇ kṣipram- śighram add. -ṛ -ka ◇ arpaya- agra -āl om. -ṛ ◇  
hi- dehi -ṛ -ka ◇ vayam- vatā -ṛ ◇ bhujah- bhujetu -ā ◇ vrajema- bhujema -āl vrajemaḥ  
-ka l hi add. -u ◇ ca- om. -ā ◇ sārthaḥ- sadhi -ū ◇ yāsyati- yāti -i

**12.17–13.2** nyāsaḥ... mudgabhaṅgah 1 ] drammaḥ(1)- dramma -ā -i -u -ū -ṛ ◇ mānāni-

miśradhanam	drammacatuḥṣaṣṭyamśatvāt	trayodaśa	kākiṇyah	13	ta-
				64	
ṇḍulabhāgah 2 mudgabhāgah 11					
atha sādhanam 1					
atra pañyamūlye 11 1 pañyabhāgābhyaṁ 21 1 guṇite 21 1 pañyābhyaṁ					
5	7 8   bhakte jāte	4 1			
	2 1	7 8			
anayor yogo bhājakah 39					
		56			
eta eva 7 8   miśradhanena 13   guṇite 52   13   yogena 39					
	2 1	64	448   512   56		
bhāge hṛte tanḍulamudgamūlye 1					
		6	192		
tanḍulamudgabhāgau 2 1   miśradhanena 13   guṇitau jātau 13					
	1	64		32	

mānani -ū ◇ drammaḥ(2)- drammat-āl drama -i -u -ū -ṛ -kha ◇ 1(2)- om. -ā -ṛ ◇ mudga(1)- mudgānām-ka ◇ mānam- māna -i1 mānāni -ṛ ◇ catuḥ- catu -ṛ ◇ amśatvāt- amśaca -ṛ1 amśatvāt -ṛ1 amśatvāt -ka ◇ bhāgah(1)- bhāga -ā -i -u -ka -kha ◇ mudga(2)- muda -ūl muhurta -kal muṇḍga -kha ◇ bhāgah(2)- bhāga -ā -i -ū -khal bhā -u  
**3-5** atha... //7/8// ] atha- atra -i ◇ sādhanam- 4/1//7/8/- add. -ṛ ◇ pañya(1)- pañā -ū ◇ mūlye- mūle -i ◇ pañyabhāgābhyaṁ- om. -khal svabhāga -u ◇ 11 2(1)- om. -khal 2/1//1/1// -u ◇ guṇite- om. -ā -khal guṇitā -i -ūl jāta add. -u1 guṇitenā -ka ◇ 21 1(2)- om. -khal 2/1//1/1// -u1 tadeva add. -u ◇ pañyābhyaṁ- pañktipañyābhyaṁ -āl pañya- bhāgābhyaṁ -u -khal pañyāmābhyaṁ -ka ◇ 7/8//2/1// om. -i  
**6-8** anayoḥ... //6/192// ] yogah- yoge -ā ◇ 7/8//2/1// om. -i -ū -ṛ ◇ guṇite- guṇitau -u -kha ◇ yogena- svayogena -u ◇ 39 | om. -u -ṛ -ka -kha ◇ bhāge- bhāga -āl bhāgena -i ◇ 56 |  
hṛte- hṛtam -i1 labdhē -u ◇ mudga- om. -ā ◇ mūlye- jāte add. -u -khal yathā add. -ka  
**13.9-14.5** tanḍula... 2 | ] bhāgau(1)- bhāgo -u ◇ 2/1//1/1// -om. -ṛ1 21 1 -ka ◇ miśra... 3 |  
guṇam(2)- om. -i -ū ◇ jātau- jāto -ā ◇ 13/13//32/64// -13/13/39//21/64/56// -ā ◇ 13//32// -ṛ ◇ yogena- 39 | add. -ka ◇ labdhāḥ- labdhā -ṛ1 labdhām -ṛ ◇ bhāgah(1)- bhāgah ◇ 56 |  
mūlyam- mūlye -ā -ṛ -ka1 mūlyā -ṛ1 mūlyā -kha ◇ pūrvam...guṇam(2)- om. -ā -ṛ -ṛ -ka -kha ◇ guṇam- atra tanḍulamūlye add. -i -ū ◇ chedena(1)...mūlye- om. -ṛ ◇ bhāge(1)- bhakte -ka ◇ hṛte(1)- om. -ṛ -ka ◇ labdhāḥ- labdhā -ā -ka ◇ kākiṇyah- kākiṇyau -kha ◇ bhāgah(2)- bhāgah -ṛ ◇ 1 | 2 | -u -ṛ -ka ◇ mūlye- drahmaṇa 64 kākiṇya chedena 6 bhāge  
hṛte labdhā kākiṇyah śeṣam vimśatinighnam 80 chedena bhāgah bhāge datte varāṭakā 13 3 | 3 |

13	yogena bhakte labdhās tañḍulamudgabhāgāḥ	17	7	।
64		24	24	

atra tañḍulamūlyam pūrvam caturguṇam paścāt śoḍaśaguṇam chedena  
bhāge hṛte labdhāḥ kākiṇyah 10 varāṭakāḥ 13 varāṭakabhāgāś ca

1	।
3	

5 mudgamūlye chedena bhāge hṛte labdhe kākiṇyau 2 varāṭakāḥ 6 bhāgau  
ca

2	।
3	

dvitīyodāharanam—

**karpūrasya parasya niṣkayugalenaikam palam prāpyate  
vaiśyānandana candanasya ca palam**

[ drammāṣṭabhbāgena cet ]

10 **aṣṭāṁśena tathāguroḥ paladalaṁ niṣkeṇa me dehi tān  
bhāgair ekakaśoḍāśāṣṭakamitair dhūpam cikīrṣāmy**  
[aham || 102 ||]

niṣkadadvayenottamakarpūrasyaikam palam labhyate tathā drammāṣṭa-  
bhāgena vaiśyānandana candanasya palam labhyate tathā drammāṣṭāṁśe-  
15 nāguroḥ palārdham labhyate | tad evam mūlyāni jñātvaikena niṣkeṇa tān  
karpūracandanāgurūn ekaśoḍāśāṣṭabhbāgair dehi dhūpam cikīrṣāmi yato  
'ham iti |

varāṭakabhāgāś ca [2] add. -ā ◇ chedena(2)...labdhe- om. -ka ◇ kākiṇyau- kākiṇyo -ā  
◇ varāṭakāḥ(2)- varāṭakām -ka ◇ bhāgau(2)- bhāgo -i ◇ [2] mudgamūlye chedena hṛte  
kākiṇī 1 varāṭakāḥ 3 varāṭakabhāgau [2] add. -ṛ | tañḍulapramāṇam māna 0 droma 9 āḍhaka  
1 prastha 1 kuḍava 1 kuḍavabhāgāḥ [1] mudgamānam droma 4 āḍhaka 2 kuḍavabhāgāḥ [2]  
-ṛ | om. -ka

**6–12** dvitīya... aham ] atha iti vākyasyādau dr̄syate -ka ◇ udāharanam- om. -u ◇ para-  
sy-a varasya -ā ◇ vaiśya- veśya -ka ◇ dehi- diha -i ◇ cikīrṣāmi- cikīrṣyami -ṛ | cakīrṣāmi  
-ka

**13–17** niṣka... aham iti ] asyārtha iti vākyasyādau dr̄syate -ā -ū -ṛ -ṛ -kha ◇ ekam- eko  
-ṛ ◇ labhyate(1)- prāpyate -ṛ ◇ aṣṭa(1)- aṣṭaka -i -ū -ka ◇ bhāgena- ha add. -ṛ | ced  
add. -ka ◇ vaiśya- veśya -i ◇ vaiśyānandana candanasya- candanasya vaiśyānandana -  
ṛ ◇ aguroḥ...dehi- om. -ka ◇ aguroḥ- aguro -i | agaroh -ṛ ◇ palārdham- ca add. -u ◇  
labhyate- labhyante -kha ◇ evam- eva -i ◇ niṣkeṇa- niṣkeṇa -i -u -ū -ṛ ◇ tān- om. -u  
◇ agurūn- agurūnām -āl agarūn -ṛ | agurūm -kha ◇ eka- preka -ṛ ◇ aṣṭa- aṣṭaka -i -ūl  
aṣṭama -u -kha ◇ bhāgaiḥ- bhāgān -ā ◇ cikīrṣāmi- iti add. -āl cikīrṣyami -ṛ ◇ yataḥ-  
hetaḥ -āl om. -ṛ | gataḥ -ka

nyāsaḥ | 1 | 16 | 8 | miśradhanam 16।

32	1	1
8	8	

svamūlyāni | 32 | 1 | 1 | svabhāgaiḥ 11 16। 8 hatāni | 32 | 2 | 1 | pa-

1	8	8
---	---	---

ṇyaiḥ | 1 | 1 | 1 | bhaktāni | 32 | 2 | 2 | eteṣāṁ pṛthagyogo bhājakāḥ

1	1	2
---	---	---

36।

5 punar etāni pṛthaksthāni miśradhanena 16 hatāni 512। 32। 32 yogena  
bhaktāni labdhāni karpūrādīnāṁ bhāgamūlyāni | 14 | 8 | 8 | ।

2	9	9
1		

atha bhāgāḥ 11 16। 8 miśradhanena guṇitāḥ 16। 256। 128 yogena 36  
bhaktāḥ labdhāni karpūrādīnāṁ palāni | 4 | 64 | 32 | । pūrvavan mūla-

9	9	9
---	---	---

10 sya drammādisādhanām tathā chedabhajanena ca tauye 'pi palakarśādi-  
sādhanām jñeyam।

iti krayavidhiḥ।

atha sūtram—

**naraghnadānonitaratnaśeśair**

iṣṭe hṛte syuḥ khalu mūlyasamṛkhyāḥ।

15 śeśair hṛte śeśavadhe pṛthaksthair

abhinnamūlyāny atha vā bhavanti || 103 ||

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**1–4** nyāsaḥ... bhājakāḥ 36 ] 1/16/8//32/1/1// /8/8// – 1/16/8//3/1/1// -āḥ atha sto jñeyah -iḥ 32/1/1// /8/8// -ṛ -ṛḥ ka. mū./cam. mū./S. mū./32 d/1 d/1 d// /8/8// -kaḥ 1/16/8// – 32/1/1// /8/8// -kha ◇ mūlyāni- mūlyā -ā ◇ 32/1/1// /8/8// -om. -kha ◇ hatāni- hṛtā add. -āḥ miśradhanena -iḥ hatvāni -ū ◇ 11 16। 8- 11 11। 8 -ā ◇ panyaiḥ- panyāḥ -iḥ panye -ū ◇ eteṣāṁ- eṣāṁ -ṛ ◇ yogaḥ- yogau -āḥ om. -ūḥ jāto add. -kha ◇ bhājakāḥ- bhāgāḥ -ṛḥ bhājakā -kha

**5–11** punaḥ... vidhiḥ] etāni- etā -ū ◇ sthāni- 16। 256। 128 add. -āḥ sthānāni -i -ūḥ 16 add. -ṛ

**12–16** atha... bhavanti ] atha- om. -ṛḥ ratnajātau add. -i -ṛḥ karaṇa add. -ka ◇ sūtram- karaṇam indravajrā -iḥ kathyata add. -ka ◇ hṛte(1)- hṛtā -ka ◇ syuḥ- syu -i ◇ mūlyamūla -i ◇ samṛkhyāḥ- samṛkhyā -ṛ -ka ◇ hṛte(2)- hṛtā -āḥ hṛṣe -ṛḥ hate -ka ◇ sthaiḥ- taiḥ -ā ◇ mūlyāni- mūlāni -ka ◇ bhavanti- bhavati -ṛ

ayam arthaḥ | narā dhaneśāḥ | tatsaṃkhyayā dānaṣaṃkhyā guṇītā tayā ratnānām saṃkhyā ūnāḥ kāryā avaśeṣair iṣṭam bhajet mūlyasaṃkhyā bhavanti | tās tv iṣṭavaśān mūlyasaṃkhyā abhinnā bhavanti kadā cid bhāga-śeṣatvād bhinnā vā bhavanti |

- 5        *athavety abhinnamūlyasādhanārtham ucyate | teṣāṁ śeṣāṇāṁ pṛthak-  
sthānāṁ vadhe parasparaguṇite rāśau pṛthaksthaiḥ śeṣair hṛte 'bhinnamū-  
lyāni bhavanti |*

## udāharanam—

māṇikyāṣṭakam indraṇīladaśakam muktāphalānām śatam

**sadvajrāṇī ca pañca ratnavanijāṁ yeśāṁ caturṇāṁ**

[dhanam]

**samgasnehavaśena te nijadhanād datvaikam ekam mito**

jātās tulyadhanāḥ pṛthag vada sakhe tadratnamūlyāni

[me || 104 ||

- 15 ekasya dhanino dhanam māṇikyāṣṭakam ekasyendranīladaśakam e-  
kasya muktāphalaśatam ekasya ratnapañcakam evam mitam caturṇām  
mitrāṇām yeśām dhanam te catvaro 'pi samgasnehavaśena nijāddhanān  
mithaḥ parasparam ekaikam māṇikyādi datvā samadhanā jatāḥ tarhi he  
sakhe sanmate teśām ratnādimūlyāni mama pṛthag vadeti |

**1–3** ayam... bhavanti ] ayam- *om.* -i- $\ddot{r}$ l asya- $\ddot{r}$ -ka  $\diamond$  arthah- *om.* -i- $\ddot{r}$   $\diamond$  dhana- dhīna- $\ddot{a}$  -i  $\ddot{g}$  iśāḥ- rāśyavas- $\ddot{a}$ l śāḥ- $\ddot{i}$ śā- $\ddot{u}$ - $\ddot{r}$ -khal rāśayah- $\ddot{r}$ -ka  $\diamond$  tat- tatat- $\ddot{a}$   $\diamond$  saṃkhyayā- samkhaya -kha  $\diamond$  guṇitā- guṇita - $\ddot{a}$ l guṇitāḥ -i  $\diamond$  tayā- yāt- $\ddot{a}$ l tathā -i - $\ddot{u}$   $\diamond$  ratnānām- *om.* - $\ddot{a}$   $\diamond$  samkhyāḥ- *om.* - $\ddot{a}$   $\diamond$  ūnāḥ- ūnā -u -kha  $\diamond$  ava- ratna- $\ddot{r}$   $\diamond$  istam- iste - $\ddot{r}$ l hr̥ta add. - $\ddot{r}$   $\diamond$  bhajet- *om.* - $\ddot{r}$   $\diamond$  mūlyā- mūla -i  $\diamond$  bhavanti- bhavati - $\ddot{a}$  -u

**3-4** tās tu... bhavanti ] iṣṭa- dṛṣṭa- u -kha ◇ mülya- mūla -i ◇ saṃkhyāḥ- saṃkhyāni -ūl bhinna add. -ūl ◇ abhinnāḥ- om. -āl vā add. -i ◇ bhavanti(1)- saṃbhavanti -āl abhinnā bhavanti add. -āl bhavati -u ◇ kadā bhavanti(2)- om. -i -ūl ◇ vā- om. -āl ca -r

**8-14** udāharaṇam... mūlyāni me ] udāharaṇam- udā<sup>o</sup> -u -khal udāharaṇena -ṛṭi spaṣṭa-yati add. -ṛṭi ◇ ratna(1)- mitra -ā ◇ jātāḥ- jās -ṛṭi ◇ dhanāḥ- dhanā -i ◇ mūlyāni- mau-lyāni -ka

**15–19** ekasya... vadeti ] indra- *om*. -ṛ फळा- phalam-ā-र॑ phalānām-*u* वा evam- eva-  
-र॑-ka द्वा mitam- iti -र॑ द्वा mitrānām...sanmate- *om*. -ā द्वा api- yesām add. -ka द्वा samga-  
samgah- *u* द्वा nijāt- nija- *u*-र॑ द्वा ekaikam- ekaika- -र॑-ka द्वा sakhe- sasve add. -i द्वा ratnādi-  
ratnāni- *u*-र॑ ratnānām-ū द्वा mūlvāni- maulvāni- -र॑ द्वा prthak- 2 add. -ka

nyāsaḥ māṇikya 8 indraṇīlā 10 mauktika 100 ratna 5 narāḥ 41  
ekaikam dattam iti dānasamkhyā 1 naraīḥ 4 caturguṇitā dānasamkhyā 41  
anayā ratnasamkhyā ūnāḥ kṛtāḥ śeṣāṇi māṇikya 4 indraṇīlā 6 mauktika  
96 ratna 1 etair iṣṭe rāśau vibhakte mūlyāni syur iti

- 5 kalpitamiṣṭam 50 pṛthagvibhaktam jātāni mūlyāni bhinnāni māmū 12

$$\begin{array}{c|c|c|c|c|c} n\bar{1}m\bar{u} & \left| \begin{array}{c} 8 \\ 1 \\ 3 \end{array} \right. & maum\bar{u} & \left| \begin{array}{c} 25 \\ 48 \end{array} \right. & ratnam\bar{u} & \left| \begin{array}{c} 50 \\ 0 \end{array} \right. \\ \hline & & & & & \end{array} \boxed{2} \\ & & & & & \boxed{4} \end{array}$$

eteśāṁ bhinnatvād abhinnaprāptyai budhyā kalpitam iṣṭam 96। ato jātāny abhinnamūlyāni mā° 24 indra° 16 maumū° 1 ratnamū° 96। evam jātāḥ parasparam datveti samadhanāḥ 233।

- 10 athavā svayam abhinnamūlyāsiddhyai śeṣāṇāṁ vadhe 2 304 pṛthakśeṣair vibhakte jātāny abhinnāni 5761 3841 241 2 304 | parasparam ekaikadā-nāj jātāḥ samadhanāḥ 5 5921

**1-4** nyāsaḥ... syur iti ] nyāsaḥ- *om.* -*u* -*ṛ* -*ka* ◇ māṇikya- māṇikyah -*i* ◇ 8- *om.* -*ka* ◇ 4(1)- *om.* -*ṛ* -*ka* ◇ ekaikam- ekam -*ā* ◇ dattam- dadaṭṭānam -*ṛ* ◇ dāna(1)- *om.* -*ṛ* ◇ samkhyā(1)- samkhya -*u* -*kha* ◇ 1(1)- *om.* -*ā* -*u* -*ṛ* ◇ 4(2)- *om.* -*u* -*ṛ* ◇ catuh- *om.* -*i* -*u* -*ṛ* ◇ dāna(2)- *om.* -*ṛ* l dānam -*kha* ◇ samkhyā(2)- *om.* -*ṛ* ◇ 4(3)- *om.* -*ṛ* ◇ ratna(2)- 5 add. -*ā* ◇ samkhyāḥ- samkhyāyā -*ka* l samkhyāyā -*kha* ◇ ūnāḥ- ūnā -*u* ◇ māṇikya(2)- māṇikyāni -*i* -*ūl* mā° -*ṛ* ◇ indra(2)- *om.* -*u* -*ṛ* -*ṛ* -*kha* ◇ nīla(2)- nī° -*ṛ* ◇ mauktika(2)- mau° -*u* -*ṛ* -*ṛ* -*kha* ◇ ratna(3)- ra° -*ṛ* ◇ iṣṭe- iṣṭa -*ā* -*u* -*ṛ* ◇ vibhakte- bhibhakte -*ṛ* ◇ mūlyāni- mūlyāḥ -*āl* maulyāni -*ū* -*ka*

**5-6** kalpita... [so] iṣṭam- iṣṭa -ū ◇ pṛthak- om. -ā ◇ vibhaktam- om. -ā ◇ jātāni- om.  
 -ā ◇ mūlyāni- om. -āl maulyāni -i -kha ◇ bhinnāni- 10 add. -āl om. -kal 20 om. -kha ◇ māmū- om. -ā -ṛ -kal ratnamūlyāni -i -ūl mū -kha ◇ 12//2/4/- 12//1/25/- -āl 12//2/24/-  
 -i 21//2/25/- -ūl 12//1/2/- -ṛl 25//2/- -kal 22//2/2/- -kha ◇ nīmū- om. -ā -ṛ -kal nīlamū  
 -i 1ndrānlamū -ū ◇ 8//1/3/- 25//3/- -ka ◇ maumū- om. -ā -ṛ -khal mauktikamū -il  
 moktikamū -ū 25//48/- 24//46/- -i 0//25//48/- -ṛ ◇ ratnamū- om. -ā -ṛ -kal ratnamūlya -ū  
 ◇ 50//0/- 2//50//19/- -āl 50//1/- -ka

**7-9** eteśām... samadhanāḥ 233] prāptyai- prāpte -āl prāptai -iḥ prāpteṣu -uḥ prāptau  
-ūḥ prāptavat̄ ptyai -ka ◇ buddhyā- om. -ā -u -ṭ -kha ◇ abhinna(2)- 50 add. -āl bhinna  
-ṭ ◇ mūlyāni- prayekamūlyā add. -ā -ṭ -kha! prayekamūlyam add. -u ◇ māṛ... 96- 241  
161 11 96 -ā -i -ū -ṭ -kha! bhā indramau 1//3// add. -āl ime add. -ka ◇ 1...evam- om.  
-kha ◇ evam- om. -āl drammā ime -ṭ ◇ jātāḥ- jātā -ā -ṭ -ka ◇ parasparam- parasya -ā  
◇ dhanāḥ- dhanā -āl dhanam -u -kha

**10–12** athavā... samadhanāḥ ५ ५९२] mūlyasiddhyai- mūlyāni taiḥ -ṛि ४१ ६१ १९६१ १ va-  
dhe kṛte jātāḥ [jātām -ā] aṅkāḥ [kā -āl amśāḥ -ṛ] २ ३०४ add. -ā -u -ṛ -ka -kha ◇ śeṣāṅnam-  
śeṣena -āl om. -ṛ ◇ vadhe om. -ṛ ◇ २ ३०४(1)- २३० -ā ◇ prthak... २ ३०४(2)- om. -i -ū ◇  
prthak- २ add. -ṛ ◇ vibhakte- vadhe -ā ◇ jātāni- jātāpi- -ā ◇ parasparam- parasya -ā ◇

**[Suvarṇaganītam]**

suvarṇaganīte sūtram vṛttam—

**suvarṇavarnāhatiyogarāśau**  
**svarṇaikyabhakte kanakaikyavarṇah|**  
**varṇo bhavecchodhitahemabhakte**  
**varṇoddhṛte śodhitahemasaṁkhyā || 105 ||**

5 nānāprakāravarṇikasuvarṇānāṁ svasvataulyāni suvarṇātmakāni svavarṇair āhatāni sā suvarṇavarnāhatih tāsām yogarāśau svarṇaikyena bhakte sati suvarṇamiśreṇa miśritakanakasya varṇo bhavati |

10 atha śodhana evam suvarṇavarnāhatiyogarāśau śuddhataulyabhakte śuddhavarṇo bhavati | tathā śuddhavarṇoddhṛte śuddhahemasaṁkhyātau-lyam bhavati |

udāharanām vṛttadvayam—

**viśvārkarudradaśavarṇasuvartnamāśā**  
**digvedalocanayugapramitāḥ krameṇa|**  
**āvartiteṣu vada teṣu suvarṇavarnas**  
**tūrṇam suvarṇaganītajñā vanīg bhavet kah || 106 ||**

ekaika- ekaikam -i -ū ◇ dānāt- dānā -ā -i -u -khal dātam -ū ◇ 5 592- 3 285 -ā -i -u -ū |  
iti samadhanam add. -ṭl om. -ka

1-5 suvarṇa... saṁkhyā ] atha iti vākyasyādau drṣyate -ṭ -ka ◇ vṛttam- om. -ā -ṭ ◇  
śodhita(1)- sodhita -i

6-8 nānā... bhavati ] prakāra- prākāra -ṭ ◇ varṇika- varṇaka -ū ◇ suvarṇānām- suvarṇānām -u ◇ svasva(1)- om. -ā -ṭ ◇ su(2)- om. -i -ū -ka ◇ ātmakāni- ātmaka -i -ū ◇ svasva(2)- sva -ū ◇ suvarṇavarnā- suvarṇa -ā ◇ svarṇa- varṇa -ā -i -u -ṭ -ka -kha ◇ aikyena- aikye -ṭl aikyana -ka ◇ su(4)- om. -i -ū ◇ miśreṇa- miśraṇe -ā -i -ṭ -khal niśreṇa -ūl miśra -ṭ ◇ miśrita- miśrata -i l varṇamiśra -ṭ

9-11 atha... bhavati ] atha...bhavati(1)- om. -ā ◇ atha- punah -ṭ ◇ śodhane- śodhana-  
-ā -u -khal kṛte sait add. -ṭl evam- om. -ṭ ◇ suvarṇa- suvarṇā -ṭ ◇ śuddhataulya-  
śuddho'lya -ṭl śodhitahema -ṭl ◇ śuddha(2)- śuddho -ṭl om. -ṭl su -kha ◇ bhavati(1)-  
bhavet -ṭl punah suvarṇavarnāhatiyogarāśau -ṭl ◇ tathā- tadā -ṭl ◇ śuddha(4)- śuddhe -ṭ  
◇ hema- jātau add. -ṭl ◇ saṁkhyā- khyā -i l ākhyā -u l om. -ṭ

12-4 udāharanām... māśāḥ ] udāharanām- udā° -u -kha ◇ vṛttadvayam- om. -u -ṭ -kha  
◇ yuga- yugah -ā ◇ pramitāḥ- pramitā -ā ◇ varṇah- varṇam -ā -i -ka ◇ tūrṇam- stūrṇam  
-ka ◇ bhavet kah- variṣṭha -ā ◇ te(1)- om. -i ◇ śodhanena- om. -i l śodhitā -ṭ ◇ yadi- ca  
add. -ṭ ◇ ṣoḍaśa(1)- āśrau add. -ka ◇ draviṇa- vada -ṭ ◇ mitih- miti -i ◇ cet- cai -ṭ ◇  
ṣoḍaśa(2)- hema add. -ka ◇ vimśatih(2)- vimśati -i

**te śodhanena yadi vimśatir uktamāśāḥ**  
**syuḥ ṣoḍaśa draviṇavarṇamitis tadā kāḥ**  
**cec chodhitam bhavati ṣoḍaśavarṇahema**  
**te vimśatiḥ kati tadā tu bhavanti māśāḥ || 107 ||**

- 5 viśvās trayodaśārkāḥ dvādaśa rudrā ekādaśa daśa prasiddhā evam uktavarṇakāḥ hemno rāśayah krameṇa dig daśa vedāś catvāraḥ locane dve Yugāni catvāry evam uktamāśataulyāḥ |  
 ayam arthaḥ | trayodaśavarṇakahemno daśa māśāḥ dvādaśavarṇaka-sya catvāro māśā ekādaśavarṇakasya dvau māśau daśavarṇakasya catvāro  
 10 māśā evam hemarāśīṣv āvartiteṣv ekatra yojiteṣu kah suvarṇavarṇo bhavati he suvarṇagaṇitajñā tūrṇam vadeti |
- dvitīyavṛttārthaḥ | atha ta uktavimśatimāśāḥ śodhane sati yadi ṣoḍaśa māśā bhavanti tadā varṇaḥ ko bhavet | atha cet tasya śodhanena ṣoḍaśa varṇā bhavanti tadā te vimśatimāśāḥ kṣaye kati bhavantīti |

15 nyāsaḥ

	13	12	11	10	
	10	4	2	4	

suvarṇa 10 | 4 | 2 | 4 varṇānām 13 | 12 | 11 | 10 āhatiḥ 130 | 48 | 22 | 40 |

**5–7** viśvāḥ... tauṇyāḥ] viśvāḥ- viśvā- -i -ū -ka ◇ trayodaśa- 13 add. -ṛ ◇ dvādaśa- 12 add. -ṛ ◇ rudrāḥ- om. -ā -ū -ṛ -ṛ -ka | rudra -kha ◇ ekādaśa- om. -ā -ū -ṛ -ṛ -ka | 11 -u -kha ◇ daśa(1)- om. -ṛ -ṛ -ka ◇ prasiddhāḥ- rudrā ekādaśa add. -ā -ū -ṛ | rudrāḥ 11 ekādaśāḥ daśa 10 prasiddhā add. -ṛ | rudrāḥ ekādaśa prasiddhā add. -ka ◇ varṇakāḥ- varṇākāḥ -ṛ ◇ rāśayah- saṃkhyāś ca -ṛ ◇ daśa(2)- 10 add. -ṛ | daśāś -ṛ ◇ vedāḥ- om. -ṛ | verṇadāś -kha ◇ locane- locana -i ◇ catvāri- catvāraḥ -ū ◇ ukta(2)- uktā -ṛ -ka ◇ māśa- māśa -i -ū | māśāḥ -ṛ | māśā -ka ◇ tauṇyāḥ- kṛtyāḥ -ṛ

**8–11** ayam... vadeti ] varṇaka- varṇake -āl varṇa -ṛ ◇ hemnaḥ- hemnau -u ◇ māśāḥ(1)- māśāḥ -i -ṛ ◇ dvādaśa- dvādaśa -ūl ca add. -kha ◇ varṇakasya(1)- varṇakah -ā -ṛ ◇ māśāḥ(2)- māśāḥ -ṛ ◇ varṇakasya(2)- om. -ā ◇ dvaū- om. -ā ◇ māśau- om. -āl māśau -ṛ ◇ daśa(2)- om. -ā ◇ varṇakasya(3)- varṇasya -ā -i -ṛ ◇ māśāḥ(3)- māśāḥ -ū -ṛ ◇ evam...rāśīṣu- om. -ṛ ◇ āvartiteṣu- āvartite -ṛ ◇ yojiteṣu- yogiteṣu -āl gālāne -ṛ | satsu add. -ṛ ◇ kah- kati -ṛ ◇ suvarṇa(1)- om. -ṛ ◇ varṇaḥ- varṇā -ṛ ◇ bhavati- bhavanti -ṛ ◇ he- hema -ā -u -kha ◇ suvarṇa(2)- om. -ā -u -kha ◇ iti- vanigvariṣṭha -ā

**12–14** dvitīya... bhavantīti ] dvitīya- om. -ā -ṛ | dvi<sup>o</sup> -u -kha ◇ vṛtta- om. -āl vṛttasya -i -ū ◇ arthaḥ- om. -ā ◇ ukta- uktā -ā -i -ū -ṛ | om. -ṛ ◇ śodhane...māśāḥ(3)- om. -ṛ ◇ varṇaḥ kah- ko varṇaḥ -i -ū | varṇakah -kha ◇ bhavet- bhavati -ka ◇ śodhanena- śodhane -ā -u ◇ varṇāḥ- varṇaḥ -ā ◇ bhavanti(2)- bhavati -ā ◇ te- ste -i | sā -u -ū ◇ vimśati(2)- vimśatiḥ -ū ◇ māśāḥ(3)- māśā -ū ◇ kṣaye- vaye -ā ◇ kati- varṇā add. ◇ bhavanti(3)- syuḥ -ā

**19.16–20.6** suvarṇa... māśāḥ 15] suvarṇa(1)- suvarṇaiḥ -i -ū | suvarṇaḥ -ṛ ◇ āhatiḥ-

esām samyogarāśih 240 suvarṇaikyena 20 bhāge hṛte labdho miśritava-  
rṇah 12।

yady ete śodhane sati ṣoḍaśā māṣā bhavanti tadā kati varṇāḥ syur iti | ṣo-  
ḍaśabhir bhāgair labdhā varṇāḥ 15।

- 5 yadi tad eva ṣoḍaśavarṇam suvarṇam bhavati tadā kati māṣāḥ syur iti |  
labdhā māṣāḥ 15।

ajñātavarṇajñānāya sūtram—

**svarṇaikyanighnād yutijātavarṇāt  
suvarṇatadvarṇavadhaikyahīnāt|  
ajñātavarṇāgnijasamkhyayāptam  
ajñātavarṇasya bhavet pramāṇam || 108 ||**

suvarṇaikyena guṇito yo yutijātavarṇah sa ca suvarṇavarnayor va-  
dhaikyena hīnah kāryah tasmād ajñātavarṇam yadagnijam hema tatsam-  
khyayā labdham ajñātavarṇo bhavati |

- 15 udāharanam—

**daśeśavarṇā vasunetramāṣā  
ajñātavarṇasya ṣad etadaikye|  
jātam sakhe dvādaśakam suvarṇam  
ajñātavarṇasya vada pramāṇam || 109 ||**

- 20 daśa-varṇam suvarṇam vasumāṣam aṣṭamāṣam tatheśavarṇam ekāda-

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āhitah -ka ◇ eṣām- etā -ū -ṛ -ṛ -ka -kha l etāh -i -u ◇ samyoga- yoga -ā ◇ bhāge- bhāga-  
-ū ◇ labdhah- labdhā -ā -u ◇ miśrita- miśra -ṛ ◇ varṇah- varṇāḥ -ā -u -kha ◇ yadi(1)-  
yaśca -ā ◇ ete- eta -i ◇ sati- om. -ā ◇ varṇāḥ(1)- varna -ū ◇ bhavanti...māṣāḥ(2)- om. -ṛ  
◇ ṣoḍaśabhiḥ- ṣoḍaśataih -i ◇ bhāgaiḥ- bhakte -āl bhāgaḥ -i l bhāge -ū l bhāgoḥ -kha ◇  
varṇāḥ(2)- om. -i -ū ◇ varṇam- varṇāḥ -ā ◇ suvarṇam- suvarṇa -ū ◇ bhavati- bhavanti  
-kha ◇ tadā(2)- tada -kha ◇ māṣāḥ(3)- syuḥ add. -ṛ ◇ 15(2)- samjñā add. -ṛ

**7-11** ajñāta... pramāṇam ] atha iti vākyasyādau dṛṣyate -ā -ṛ ◇ ajñāta(1)- om. -ṛ ◇  
sūtram- vṛttam add. -i

**12-14** suvarṇa... bhavati ] aikya -ṛ ◇ gunitaḥ- gunitau -ka ◇ yaḥ- om. -ṛ  
◇ yuti- yutih -ā ◇ jāta- jātā -kha ◇ varṇah- varṇāḥ -kha ◇ sa- samam -kha ◇ vadha-  
varṇa -ā l dha -u ◇ hīnah- vidhīnah -ka ◇ agnijam- inijam -ṛ ◇ bhavati- syāt -ṛ

**15-2** udāharanam... vadeti ] udāharanam- udā° -ā -u -kha ◇ varṇam(1)- varṇa -ā ◇  
īśa- daśa -i ◇ māṣam(2)- māṣakam -ka ◇ māṣāḥ(2)- māṣā -ā ◇ varṇo na- varṇena -i -ū  
◇ jñātah- jāti -ū ◇ miśreṇa- miśravarṇaiḥ -ṛ l miśraṇe -ṛ -kha ◇ varṇāḥ(2)- varṇā -i -ū  
-ṛ -ka ◇ jātah- jātāh -i -ū -ṛ -ka -kha ◇ varṇam(4)- varṇa -i -ū -ṛ -ka l pramāṇam add. -i  
-ū -ṛ -ṛ -ka

śavarṇam̄ netramāṣam̄ dvimāṣam̄ tathā ṣad māṣas̄ teṣam̄ varṇo na jñātaḥ |  
miśreṇa dvādaśavarṇo jāto ’jñātavarṇam̄ vadeti |

nyāsaḥ	10	11	0	
	8	2	6	

suvarṇānām̄ 8 | 21 6 aikyam̄ 16 | yutijātavarṇah̄ 12 guṇitah̄ 192 | suvarṇa-  
5 tadvarṇayor vadhu 80 | 22 aikyam̄ 102 | tena hīno jāto vadhaḥ śeṣam̄ 90 |  
ajñātavarṇasya 6 saṃkhyayā labdham̄ jāto ’jñāto varṇah̄ 15 |

tathā jñātasuvarṇajñānāya sūtram—

**svarṇaikyanighno yutijātavarṇah̄  
svarṇaghnavarṇaikyaviyojito ’sau |**

10 **ahemavarṇāgnijayogavarṇa-  
viśleṣabhakto ’viditāgnijam̄ syāt || 110 ||**

suvarṇaikyena guṇito yo yutijātavarṇah̄ sa ca suvarṇaghnavarṇaikye-  
na viyojitaḥ ūnah̄ kāryo ’jñātahemno varṇasya tathā yogavarṇasya viśle-  
ṣeṇāntareṇa bhakto ’jñātam agner jātam agnijam̄ hema bhavati |

15 agnijam̄ nāma hema yathoktam̄ bhaṭṭahalāyudhena vahnināma hira-  
ṇyaretā iti hiranyam̄ reto yasyety evam agnijam̄ hema syād iti |

udāharanam—

**3–6** nyāsaḥ... varṇah̄ 15 ] 6(1)- suvarṇānām̄- varṇānām̄ -ṛ ◇ 8 | 21 6- 21 6 | 8 -ṛ ◇ teṣam̄ add. -u ◇ aikyam(1)- ca add. -ṛ ◇ 16- om. -ū ◇ jāta- jātah̄ -i -ū -ṛ -kha ◇ varṇah̄(1)- varṇa -u -ṛ -kha ◇ guṇitah̄- guṇitā -i -u -khal̄ guṇita -ṛ ◇ tat- om. -ṛ ◇ vadhu- vadham̄ -āl vadhaḥ -u -ṛ ◇ tena- 192 add. -ā -u ◇ hīnah̄- hīna -ū ◇ jātah̄(1)- jāta -ā ◇ vadhaḥ- vadha -ā ◇ śeṣam̄- śeṣa -i l om. -ū ◇ saṃkhyayā- bhāge add. -u ◇ jñātah̄- jñāta -āl ajñātah̄ -i -ṛ  
**7–11** tathā... syāt ] tathā- atha -i -ū ◇ suvarṇa- varṇa -ū ◇ viyojitaḥ- viyojite -i ◇ viyojito ’sau- viyojitaś ca -ā ◇ varṇa(3)- varṇah̄ -i ◇ jam- jaḥ -ka

**12–14** suvarṇa... bhavati ] suvarṇa(1)- svarṇaghnavarrṇa -ā ◇ aikyena(1)- aikena -i ◇ yah- vā -i l om. -ū -ṛ ◇ ca suvarṇa- cakharṇa -āl caturvarṇa -u ◇ ghna- ghnaḥ -u -ṛ -kha ◇ hemnaḥ- hemna -ā ◇ yoga- om. -ka ◇ viśleṣena- viśleṣena -ā -ul viśleṣa -i -kha ◇ antareṇa- om. -ā ◇ bhaktaḥ- bhakta -ā ◇ ajñātam- ajñāta -ṛ ◇ agneḥ- om. -i -ū -ṛ l agne -ka ◇ jātam- om. -i -ū -ṛ ◇ agnijam(1)- agnija -āl om. -i -ū -ṛ ◇ hema(1)- hemam̄ -ṛ -ṛ -ka

**15–16** agnijam... syād iti ] jam- ja -ṛ ◇ yathoktam- paroktam- -āl yaccoktam -ū -ṛ -ṛ -ka -kha ◇ bhaṭṭahalāyudhena- tadvalāyuddhena -ṛ ◇ bhaṭṭa... syād iti- hiranyaretā hutabhus iti hiranyam̄ reto yasya sah -ā ◇ nāma(2)- nāmā -i -ū ◇ iti(2)- ityādi -i

**17–4** udāharanam... māṣah̄ ] udāharanam- udā° -ā -u -ṛ -ṛ -kha ◇ ṣoḍāśakasya- ṣoḍa- śavarṇa -ṛ ◇ yutau- yutam̄ -ā -ṛ

**daśendravarnā gunacandramāśāḥ**  
**kim cit tathā śodaśakasya teṣāṁ |**  
**jātaṁ yutau dvādaśakam suvarṇam**  
**katīha te śodaśavarṇamāśāḥ || 111 ||**

- 5      guṇasaṁkhyās trayo māśāḥ daśavarṇās tathā candraśaṁkhyā eko mā-  
 sha indraśaṁkhyās caturdaśa varṇās tathā śodaśakasya śodaśavarṇakasya  
 kim cid ajñātām taulyam | evam trayāṇām yutau dvādaśavarṇakam suva-  
 rṇam jātaṁ te śodaśavarṇakasya kati māśāḥ | āsann iti praśnah |

nyāsah	10	14	16	yutijātavarṇah 12
	3	1	0	

- 10     svarṇaikyena 4 yutijātavarṇah 12 guṇitah 48 | svarṇaghnaṁ varṇau 30 | 14  
 anayor aikyena 44 viyojita ūnah śeṣam 41 tathā jñātahemavarṇah 16 yo-  
 gavarṇah 12 anayor antareṇa 4 bhāge hṛte 'jñātahemnas taulyam jātaṁ  
 māśāḥ 1 |

tathā sūtram—

- 15     **sādhyenono 'nlpavarṇo vidheyah**  
**sādhyo varṇah svalpavarṇonitaś ca |**  
**iṣṭakṣuṇne śeṣake svarṇamāne**  
**syātām svalpānalpayor varṇayos te || 112 ||**

yatram hemnor dvayor a jñātataulyayor yutir vihitā tatra hemnor yogajo

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**5–9** guṇa... varṇah 12 ] trayah- tuyō -ū ◇ daśa(1)- om. -ṛ ◇ varṇāḥ- varṇā -i | om. -ṛ | va-  
 rnāḥ -ṛ -ka ◇ samkhyā- samkhyā -ā -u -ṛ ◇ māśāḥ- daśavarṇāḥ add. -ṛ ◇ samkhyāḥ(2)-  
 samkhyāḥ -u -ṛ ◇ varṇāḥ(2)- varṇaka -kha suvarṇam jātam add. -kha ◇ śodaśakasya-  
 om. -kha ◇ śodaśavarṇakasya(1)- śodaśavarṇasya -āl om. -ṛ ◇ kim... varṇakasya(2)- om.  
 -i -ū -kha ◇ ajñātām- ajñāta -ṛ ◇ suvarṇam- om. -ṛ -ka ◇ te- om. -ṛ -ka ◇ varṇakasya(2)-  
 varṇasya -ā ◇ āsann iti- āsanneti -u -kha ◇ praśnah- praśna -ṛ -ka

**10–11** svarṇa... śeṣam 4 ] varṇah(1)- varṇe -ṛ ◇ guṇitah- guṇite -ṛ ◇ ghnau- ghnai -i |  
 ghne -ū ◇ varṇau- varṇaiḥ -i | varṇe -ū ◇ viyojitaḥ- vayojitaḥ -i | viyojite -ṛ ◇ ūnah- ūne  
 -ṛ | ūnam -ka ◇ śeṣam- śeṣa -ū ◇ 4(2)- om. -ū | śeṣasya 4 lakṣaṇasya add. -ṛ

**11–13** tathā... māśāḥ 1 ] tathā- atha -ū ◇ ajñāta(1)- ajñātām -i ◇ varṇah(1)- varṇāḥ -i  
 -ū | varṇa -u -ka ◇ 12- om. -ā -kha ◇ bhāgē- bhāgah -i ◇ ajñāta(2)- ajñātām -i -ka -kha  
 ajñā -ṛ ◇ hemnah- hemna -ā ◇ taulyam- taulya -u -kha ◇ jātam- jñāna -ā -u -ka -kha  
 jñātām -ṛ jñāta -ṛ ◇ māśāḥ- māśa -āl māśāḥ -i | māše -u ◇ 1- om. -u | āvartite varṇah  
 12 add. -u -ṛ

**14–18** tathā... varṇayos te ] sādhyenonah- sādhyonah -ā ◇ svalpa(1)- svarṇa -ā ◇ kṣu-  
 ṣne- kṣunne -ā ◇ māne- māni -i ◇ varṇayoh- om. -i

**22.19–23.3** yatra... bhavataḥ ] hemnoḥ(1)- hemnah -āl hastayoh -i ◇ yutih- yuti -ṛ -

varṇah sādhyavarṇasamjñah | tena sādhyena analpa ubhav adhikavarna  
ūnah kāryah tathālpavarṇena sādhyo varṇo hīnah kāryah | te ubhe śeṣe  
iṣṭarāśiguṇite svarṇayoh svalpānalpayoh krameṇa māne taulye bhavataḥ |

udāharanam—

5      **hāṭakaguṭike śoḍaśa-**  
**daśavarṇe tadyutau sakhe jātam |**  
**dvādaśavarṇam svarṇam**  
**brūhi tayoḥ svarṇamāne me || 113 ||**

hāṭakasya hemno dve gutike ekā śoḍaśavarṇikāparā daśavarṇikā ceti  
10 taylor yutau yoge dvādaśavarṇam suvarṇam jātam | taylor gutikayoh sva-  
rṇamāne taulye he sakhe mama brūhīti |

nyāsaḥ varṇau 16 | 10 sādhyavarṇah 12 |

sādhyena 12 analpo 'dhika 16 varṇa ūnah śeṣam 4 | tathā svalpavarṇena  
10 sādhyah 12 ūnah śeṣam 2 | te ubhe śeṣe 4 | 2 māne svalpasyādhika-  
15 sya ceti | krameṇa māne ekaguṇite 

16	10
2	4

 | dviguṇite 

16	10
4	8

 |

ardhaguṇite 

16	10
1	2

evam sarvatrohyam etat suvarṇagaṇitam |

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ka ◇ vihitā- vihitāh -ā ◇ tatra- tatra add. -ū ◇ hemnōh(2)- hemnāh -ā -i -ka ◇ yogajah-  
yagajah -i varṇah(1)- suvarṇa add. -ā ◇ varṇa- varṇah -i -ā -ī -ka -kha ◇ analpāh- analpau  
-ā ◇ ubhayoh- om. -u ◇ adhika- adhikah -ū ◇ tathā- ubhayoh add. -ā ◇ alpa(1)- alpena  
-i ◇ shādyah- sādhyau -ā ◇ varṇah(3)- varṇau -ā ◇ hīnah- hīna -ī ◇ ubhe- ubhau -ī ◇  
śeṣe- śeṣa -āl om. -ī ◇ svarṇayoh- varṇayo -āl varṇayoh -ūl svayoh -ī ◇ māne- om. -i ◇  
taulye- om. -ī

4-8 udāharanam... māne me ] udāharanam- udāo -u -ka -kha ◇ tadyutau- gadhutau -ka  
◇ varṇam- varṇa -i ◇ svarṇam- suvarṇam -i -ī ◇ svarṇa- svarṇayoh -ā ◇ me- om. -ā

9-11 hāṭakasya... brūhīti ] hāṭakasya- hāṭaka -ā ◇ varṇikā(2)- varṇakā -ū ◇ tayoḥ(1)-  
tathā -i ◇ yutau- om. -i -āl yutah -u ◇ dvā- om. -ū ◇ varṇam- varṇa -āl varṇakam -ū ◇  
suvarṇam- om. -i -ū ◇ gutikayoh- gutkayoh -i ◇ he- om. -i -u -kha ◇ iti(2)- om. -u -ī

12-17 nyāsaḥ... gaṇitam ] varṇau- om. -i -ū ◇ analpo 'dhika- analpādhika -i ◇ 16(2)- 1  
-ūl om. -ka ◇ varṇah(2)- 16 add. -ū -ka ◇ śeṣam(1)- śeṣa -ā -ka ◇ svalpa- svarṇa -ka -kha

◇ 12(3)- om. -ā -i -ū -kha ◇ te- om. -ā ◇ ubhe- ubhau -ā ◇ śeṣe- śeṣau -ā ◇ svalpasya-  
svālpa -ka ◇ ca- om. -u ◇ māne(2)- mānenā -ī ◇ guṇite(2)- guṇah -ā -u -ī -khal guṇe -i  
-ū ◇ ardha- om. -ā ◇ guṇite(3)- om. -āl guṇe -i -u -ū -ī -kha ◇ 16/10//1/2// - om. -ā ◇  
gaṇitam- gaṇite -ū