XXI, 17–23

adhunā sphuṭagativāsanā pradarśyate ||

IV$_1$ 17v l. -1; P$_1$ p. 36 l. 6; S p. 1326 l. -4

tatra tāvaj[1] jyāpradarśanārtham āryādvayam[2] āha[3] ||

rāśyaṣṭāṃśeṣv[4] aṅkān
padasandhibhyaḥ[5] kramotkramān[6] kṛtvā[7] |
badhnīyāt sūtrāṇi
dvayor[8] dvayor jyās tadardhāni[9] || XXI, 17

IV$_1$ 18r

S p. 1627

jyārdhāni jyārdhānāṃ[10]
jyākhaṇḍāny antarāṇi[11] tāny eva |
vyastāny[12] antyād[13] athaveṣur[14] utkramajyā dhanus tābhyām || XXI, 18

rāśīnām[15] aṣṭāṃśā **rāśyaṣṭāṃśāḥ** | bhacakrasya ṣaṇṇavatitamā[16] aṃśā ity arthaḥ | teṣv **aṅkān[17] kṛtvā[18] kramotkramān[19] padasandhibhyaḥ[20]** | padānāṃ sandhayaḥ padasandhayaḥ | tebhyo rāśitrayād rāśitrayād ity arthaḥ | tato **badhnīyāt sūtrāṇi[21] dvayor dvayoḥ** | evaṃ kṛte **jyā** bhavati |

etad uktaṃ bhavati | samāyām avanau khamuniradāṅgulasaṃkhyena karkaṭakena vṛttaṃ likhet[22] | tatra pūrvāparā dakṣiṇottarā[23] ca dve[24] 'pi[25] rekhe same kuryād yathā[26] tac[27] caturdhā bhavati[28] | tāni catvāri padāni[29] | tata ekaikasmin pade rāśitrayaṃ[30] parikalpya[31] cihnāni

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[1] bhāvaj IV$_1$; tāvan S [2] ārya° P$_1$ [3] for āryādvayam āha: āryāṃ dvayayāha S [4] rāśyāṣṭā° P$_1$ [5] °bhyāṃ IV$_1$ [6] °māt P$_1$ [7] tato IV$_1$ [8] dvaīr S [9] tardhāni P$_1$ correted to tidardhāni by DY [10] om. IV$_1$ [11] °ḍāny antarāṇi P$_1$ corrected to °ḍānāṃrāṇi by DY [12] ... I [13] ... I; antād V$_1$; antyād P$_1$ corrected to aṃtā by DY [14] ...r I; ādabhyaḥr V$_1$ [15] rāśināṃ V$_1$ [16] °navatitāsā IV$_1$ [17] aṅkā IV$_1$; for teṣv aṅkān: teṣāṃkān P$_1$S [18] om. IV$_1$ [19] °kramā P$_1$ [20] daśasaṃdhi° P$_1$S [21] śūtrāṇi P$_1$ [22] ālikhet P$_1$S [23] °ṇāttarā S [24] tve IV$_1$ [25] apiḥ S [26] yāthā V$_1$ [27] om. IV$_1$; tad P$_1$ [28] bhavanti S [29] om. S [30] rāśitrayaṃ repeated P$_1$ [31] °kalpa IV$_1$P$_1$

kuryāt | tata[1] ekaikasmin rāśau[2] rāśāv[3] aṣṭāv[4] aṣṭau cihnāni P$_1$ p. 37
kuryāt | evaṃ ṣaṇṇavati cihnāni[5] sakale vṛtte bhavanti | tataḥ pūrvasmin[6] bhāge pūrvāparāyatarekhāyā[7] ubhayapārśvasthayoś[8] cihnayoḥ[9] sūtraṃ prasārya[10] rekhāṃ[11] kuryāt | sā prathamā jyā[12] bhavati | manuyamalā[13] dviguṇā bhavantīty[14] arthaḥ | evaṃ tadanantarobhayapārśvacihnayoḥ sūtraṃ prasārya [15] rekhāḥ[16] kuryād[17] yāvac[18] caturviṃśatiḥ[19] | caturviṃśe sūtre khamuniradā dviguṇā bhavati | tata[20] utkrameṇānantaracihnayor[21] ubhayapārśvasthayos[22] tāvat sūtrāṇi prasārya[23] rekhāḥ[24] kuryād yāvad aparādik IV$_1$ 18v
| evam aṣṭācatvāriṃśaj[25] jīvā bhavanti |

tadardhāni jyārdhānīti tāsāṃ jyānām ardhāni bhavanti saptacatvāriṃśatā[26] rekhābhir[27] madhyamāyāḥ[28] sādhāraṇatvād *ardhajyā manuyamalā*[29] *muniyamavedā*[30a] ityādīni[31] | evaṃ ṣaṇṇavatir jyārdhāni[32] sakale vṛtte[33] bhavanti |

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[a] BSS II, 2ab

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[1] tatra P$_1$; tad S [2] nāśau IV$_1$ [3] rāsāv P$_1$ [4] āṣṭāv IV$_1$ [5] ṣaṇṇavati° IV$_1$ [6] pūrvā° P$_1$ [7] °reṣāyā IV$_1$; pūrvaparā° P$_1$; pūrvaparāyāmyottararekhāyā S [8] uttaya° IV$_1$; parśva° P$_1$ [9] cihnayodvayoḥ P$_1$, dvayoḥ crossed out by DY [10] °ryaṃ S [11] prāsā° P$_1$ [12] for prathamā jyā: prathamajjā I; pramajjā V$_1$ [13] °yamalād P$_1$ [14] °nti, ity P$_1$ [15] prasārya repeated IV$_1$ [16] rekhā IV$_1$P$_1$; rekhāṃ S [17] kuryā S [18] āvac I [19] om. IV$_1$; °viṃtiś S [20] tatra IV$_1$ [21] krameṇānantara° IV$_1$; utkrameṇānāṃtara° P$_1$; uktotrameṇānaṃtaraṃ cihnayor S [22] °sthayo IV$_1$ [23] prasārya repeated P$_1$ [24] rekhā IV$_1$P$_1$ [25] °riṃśāj V$_1$; aṣṭacatvāriṃśa P$_1$; aṣṭacatvāriśaṃj S [26] °riṃśata IV$_1$; °catvāśiṃratā S [27] rekhānir V$_1$ [28] °māyās IV$_1$ [29] manurvamalā I; manuryamalā V$_1$; manuyamalāḥ repeated P$_1$ [30] manuyama° P$_1$ corrected to munayama° by DY [31] ityadīni P$_1$ [32] jyā labdhāḥnī P$_1$ corrected to jyārdhāḥnīby DY [33] kṛte P$_1$

jyārdhānāṃ[1] **jyākhaṇḍāny antarāṇi**[2] | teṣāṃ jyārdhānāṃ[3] pratyekam[4] ekaikasyānantarajyārdhena[5] sahāntare[6] kṛte yad bhavati taj[7] jyākhaṇḍakaṃ bhavati | evaṃ sarvajyārdhānāṃ caturṣv[8] api padeṣu[9] ṣaṇṇavatir[10] jyākhaṇḍakāni bhavanti[11] kramotkrameṇa | ⟨tad⟩ yathā | prathamaṃ jyārdhaṃ[12] manuyamalāḥ[13] 214 | dvitīyaṃ[14] ca muniyamavedāḥ 427 | anayor antaram 213 | etaj jyākhaṇḍakam[15] | evaṃ ▷sarvatra[16] yāvad antyaṃ◁[17] jyākhaṇḍakaṃ sapta[18] | P₁ p. 38

▷⟨**tāny eva**⟩[19] **vyastāny antyād athaveṣur**◁[20] **utkramajyā**[21] | tāny[22] eva jyākhaṇḍakāni vyastāni viparītāni[23] antyajīvātaḥ[24] prabhṛti | yac[25] caturviṃśāyā[26] jyāyāḥ[27] sambandhijyākhaṇḍaṃ[28] tad utkramajyākaraṇe[29] prathamaṃ[30] bhavati | evaṃ trayoviṃśaṃ[31] dvitīyam ityādi tāvad yāvat prathamam antyaṃ[32] bhavati | athavā[33]

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[1] jyārdhāna I; jyārdhānasyā V_1 [2] for jyākhaṇḍāny antarāṇi: jyākhaṃṇḍājyetarāṇi P_1 [3] °dhānaṃ P_1 corrected to °dhānāṃ by DY [4] praty (ekam om.) IV_1 [5] ekaikasvānaṃtara° IV_1; ekamekaikasyā° P_1 corrected to ekekasyā° by DY; °jyārdhe S [6] sahottare P_1 corrected to sahāṃttare by DY [7] ta S [8] catuṣaḍ P_1 corrected to caturṣvav by DY [9] padeśeṣu P_1; pradeśeṣu S [10] °vati IV_1P_1 [11] bhavati IV_1 [12] °dha P_1S [13] °yamalāra IV_1; °yayalāḥ S [14] dviyaṃ P_1 corrected dvitīyaṃ by DY [15] °kram P_1 corrected to °kam by DY [16] satra V_1 [17] between ▷ and ◁: yāvat sarvatraṃ yaṃ P_1, sarvatraṃ yaṃ corrected to sarvatrātyaṃ by DY; yābat sarvatrāṃ S [18] sama IV_1 [19] om. IV_1P_1S [20] between ▷ and ◁: ○○○○○○ vyāsāny aṃtād aveṣur IV_1; vyastānāṃ atha voṣur P_1 corrected to vyastānāṃtād atha veṣur by DY; vyastānāṃ tāvad atha veṣur S [21] uktamayā P_1 corrected to utkramajā by DY [22] gatāny V_1 [23] yiparī° S [24] ○○○○○○ vantajīvātaḥ IV_1; antya om. P_1S [25] for prabhṛti yac: prabhṛtayaś IV_1 [26] °śatya IV_1; catuviṃśatyā P_1 corrected to caturviṃśatyā by DY; S=DY [27] jyayās I; om. V_1 [28] savaṃdhi° I; sambandhi om. V_1 [29] °karaṇai IV_1 [30] prathame IV_1 [31] °viṃśad P_1 corrected to °viṃśa by DY; S=DY [32] aṃyaṃ S [33] aghavā V_1

krameṇa ▷prathamajyāyā yaḥ śaraḥ sa eva◁[1] prathamajyārdham[2] utkramajyākaraṇe[3] | evaṃ[4] dvitīyāyā[5] dvitīyaṃ tṛtīyā⟨yā⟩s[6] tṛtīyam ityādi tāvad yāvad[7] vyāsārdham | IV$_1$ 19r

dhanus tābhyām | tasyāḥ[8] kramajyāyā utkramajyāyāś[9] ca·[10] cāpaṃ[11] tulyam eva |

yata evam uttaradigbhāgā⟨d⟩[12] dakṣiṇadigbhāgaṃ[13] yāvad[14] aṣṭācatvāriṃśad[15] jyāḥ | tadardhāni jyārdhāni[16] | teṣām antarāṇi jyākhaṇḍakāni[17] | kramotkrameṇaiva[18] yojyam evaṃ bhūmau dṛggole[19] ca | apamaṇḍale[20] tu[21] meśatulādau krameṇa ▷jyā karkaṭamakarādāv[22] utkrameṇa◁[23][24] |

evaṃ[25] jyāsvarūpaṃ[26] pradarśyādhunāṣṭa⟨ma⟩dvādaśaṣoḍaśajyārdhānām[27] utpattiṃ[28] pradarśayann[29] āha ||

ekadvitriguṇāyā[30]
vyāsārdhakṛteḥ[31] pṛthak caturthebhyaḥ |
mūlāny[32] aṣṭadvādaśa-
ṣoḍaśakhaṇḍāny[33] ato[34] 'nyāni || XXI, 19

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[1] between ▷ and ◁: prathamajyā yaś caras sa evaṃ IV$_1$; prathajyāyā yaḥ śara sa P$_1$; prathamajyāmāpaḥ śara sa S [2] °jyāyārdham IV$_1$ [3] uktama° P$_1$ corrected to utkrama° by DY; uktama° S [4] om. P$_1$ [5] °yāya IV$_1$; dvitīyā P$_1$S [6] tṛtīyās IV$_1$P$_1$S [7] om. P$_1$S [8] tasyā IV$_1$S; tasyāṃ P$_1$ corrected to tasya by DY [9] °jyāś I; °jyāñ V$_1$; uktamajyāyā P$_1$ corrected to utkramajyāyāś by DY; uktama° S [10] om. P$_1$ but inserted by DY [11] cāyāṃ I; avāpaṃ P$_1$ corrected to vāpaṃ by DY [12] °bhāgā IV$_1$P$_1$S [13] °bhāgo IV$_1$ [14] yāvady IV$_1$ [15] °riṃśas IV$_1$; °rimśa P$_1$S [16] jyādhāni P$_1$ [17] ···khaṇḍakā IV$_1$ [18] krameṇaiva P$_1$; kramaṇaiva S [19] dṛgole P$_1$ [20] °ḍaleḥ S [21] om. P$_1$ but inserted by DY [22] °makarāv P$_1$ corrected to °makarādāv by DY [23] utktakrameṇa P$_1$ corrected to utkrakrameṇa by DY [24] between ▷ and ◁: om. IV$_1$ [25] eva S [26] jyā···pa I; jyā···paṃ V$_1$; °svarupa P$_1$ corrected to °svarupaṃ by DY [27] °nāṣṭadvādaśa° I; °darśyadhnāṣṭadvādaśa° V$_1$; pradarśādhunāṣṭādaśaṣodaśa° P$_1$, pradarśā corrected to pradarśyā by DY; °dhunā aṣṭādaśaṣodaśa° S [28] utpatiṃ V$_1$P$_1$ [29] °śayann P$_1$ corrected to °śyann by DY [30] °guṇayā IV$_1$P$_1$ [31] vyāsārdhakṛte P$_1$ corrected to vyāsākṛterdha by DY [32] śūrlany IV$_1$ [33] °ḍānm P$_1$ [34] °khaṃḍānmato P$_1$

ekaguṇāyā[1] vyāsārdhakṛteś caturbhāgād[2] yan[3] mūlaṃ[4] ▷tad[5] aṣṭakramajyākhaṇḍakaṃ[6] bhavati | evaṃ[7] dviguṇāyā[8] vyāsārdhakṛteś caturbhāgamūlaṃ◁[9][10] dvādaśajyākhaṇḍakaṃ[11] bhavati | triguṇāyāś cānenaiva vidhinā ṣoḍaśaṃ jyārdhaṃ bhavati |

atreyaṃ[12] vāsanā | aṣṭamī[13] jīvā[14] rāśidvayasya[15] bhavati | sā ca[16] vyāsārdhatulyā | ▷yato vṛttakṣetramadhye[17] yāvat ṣaṭ[18] samatryaśrakṣetrāṇy[19] ārabhyante[20] tāvad rāśidvaye vyāsārdhatulyā◁[21] P₁ p. 39
jyā bhavati | sarvam etad yathālikhite vṛttakṣetre pradarśayet[22] | vakṣyati ca *jyārdhāni vṛttaparidheḥ*[23] *ṣaṣṭhacaturthatribhāgāṇām*[24a] iti |

uktaṃ ca *paridheḥ ṣaḍbhāgajyā viṣkambhārdhena*[25] *sā*[26] *tulyeti*[b] tad atra | yaiva[27] vyāsārdhakṛtiḥ[28] saivāṣṭamyā[29] jīvāyāḥ[30] IV₁ 19v
kṛtiḥ | jyārdhānayane ca kṛteś caturbhāgamūlaṃ[31] gṛhyata ity upapannaṃ[32] yataḥ[33] samacaturaśro[34] vargaḥ | uktaṃ ca[35] *vargaḥ samacaturaśraḥ*[36] *phalaṃ ca sadṛśadvayasya*[37] *saṃvarga*[c] iti |

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[a] BSS XXI, 22cd [b] ABh II, 9cd [c] ABh II, 3ab

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[1] ekaguṇaya P₁ [2] °bhāgā I; °bhāga V₁; bhāgān P₁ corrected to bhāgā by DY; bhāgān S [3] yat I; om. P₁S [4] sūlaṃ I [5] om. S [6] aṣaṃaṃ jyākhaṃḍakam IV₁; aṣṭakramajyākhaṃḍaṃ S [7] om. S [8] °guṇayā V₁; °guṇāyāḥ S [9] ca···mūlaṃ S [10] between ▷ and ◁: ··· P₁ [11] °daśaṃ jyākhaṃḍaṃ IV₁; dvādaśaṃ jyā° P₁ corrected to majyā° by DY [12] anneyaṃ IV₁ [13] aṣṭamaṃ IV₁ [14] jīva IV₁P₁S [15] rāśidvitīyasya IV₁ [16] sa IV₁ [17] vṛta° P₁ [18] ṣaḍ P₁ [19] samatrāśrakṣetrāṇi P₁; samatrāś ca kṣetrāny S [20] racyaṃte P₁ corrected to ākhyaṃte by DY; ākhyaṃte S [21] between ▷ and ◁: om. IV₁ [22] °darśyaṃ P₁; °darśya S [23] °dheṣv IV₁ [24] aṣṭacaturthatribhāgam IV₁; ṣaṣṭa°bhāgānām P₁S [25] vi···mbhordhena I; viṣkambho rdhena V₁; viṣvuṃbhā° P₁ corrected to viṣkaṃbhā° by DY [26] sa IV₁ [27] yai P₁ corrected to yaiva by DY [28] °kṛtis IV₁; °kṛti | P₁ [29] sevāṣṭabhyā P₁; saivāṣṭabhyā S [30] jīvayaḥ I; jīvayāḥ V₁ [31] °mūlyaṃ IV₁; catubhāga° P₁ [32] upaśannaṃ I [33] yatas IV₁ [34] °asro IV₁ [35] cāta IV₁ [36] °asra I; °asraṃ V₁; aścaḥ P₁ [37] sadṛśaṃ dvayasya IV₁

athavāṣṭame[1] samutpanne[2] ṣoḍaśajyārdhaṃ[3] koṭir[4] yatas[5] tad avalambakāvasthitaṃ[6] vyāsārdhatulye bhuje[7] | bhūmeś[8] ca *svābādhāvargonād*[9] *bhujavargān mūlam avalamba*[a] ity anena tatpramāṇajñānam[10] | vyāsārdhaṃ[11] karṇaḥ[12] | karṇakṛteḥ[13] koṭikṛtiṃ[14] viśodhya[15] mūlaṃ bhujo 'ṣṭamaṃ jyārdhaṃ[16] yatas[17] tat kṣetram[18] āyatacaturaśraṃ[19] bhavati |

dvādaśī ca jīvā[20] rāśitrayasya bhavati | sā ca paridhicaturbhāgajyā | tayā samacaturaśraṃ[21] kṣetram[22] utpadyate | tatra ca vyāsatulyaḥ[23] karṇaḥ[24] | dvādaśajīvātulye[25] koṭibhuje | tayoś ca vargayogo vyāsavargasamaḥ[26] karṇavargaḥ[27] | uktaṃ[28] ca *yaś caiva bhujavargayutaḥ*[29] *koṭivargaḥ*[30] *karṇavargaḥ*[31] *sa*[32*b*] iti | karṇavargāt[33] koṭivargam apāsya[34] vyāsavargasyārdham[35] avaśiṣyate vyāsārdhakṛtiś[36] ca dviguṇā | tāvan eva[37] bhujavargo[38] 'pi | tāvān eva dvādaśajīvāvargaś[39] ca[40] | jyārdhānayane jyāvargacaturbhāgān mūlaṃ gṛhyata ity upapannam |

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[a] BSS XIII, 22cd [b] ABh II, 17ab

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[1] adhavā° I; arthavā° V_1 [2] °utpatte P_1 [3] ṣoḍasaṃ jyārdha P_1, °ārdha corrected to °ārdhaṃ by DY; ṣoḍaśaṃ jyārdha S [4] koṭi P_1 [5] atas IV_1 [6] avalaṃvākardhasthita P_1, °dha° corrected to °dhā° by DY; avalaṃ bākarṇasthita S [7] tuṭo IV_1 [8] bhūmiś IV_1 [9] svavāyāvargo° IV_1 [10] °jñāna P_1 corrected to °jñānaṃ by DY; S=P_1 [11] °dha- P_1S [12] karṇaṃ IV_1 [13] °kṛte IV_1; karṇa om. S [14] kṛtiṃ om. IV_1 [15] visodhā P_1 [16] °dhaḥ P_1S [17] yataḥ P_1; yaḥ sa S [18] tatra kṣetram P_1S [19] °asraṃ I; °cacurasraṃ V_1; ayatācatur° P_1, ayatā° corrected to ayata° by DY; ayanacatur° S [20] jīva P_1 corrected to jīvā by DY [21] °asra IV_1 [22] kṣetra IV_1 [23] tu ṣyāsa IV_1 [24] karṇa P_1S [25] °jīvatulye IV_1; dvādaśī jīvā° P_1S [26] °sama IV_1 [27] karṇayogaḥ P_1S [28] uktañ S [29] bhuvarga° V_1; bhujā° P_1S [30] koṭīvargaIV_1; °vargaś ca P_1S [31] karṇas IV_1; °varga P_1 [32] sa eva IV_1; om. P_1 [33] °varga IV_1; °vagīt P_1 corrected to °vargāt by DY [34] adhya IV_1 [35] madhyāṃ (madhyaṃ V_1) mavargatyārdham IV_1; vyāsavargasya vyāsavargasyārdham S [36] vyāsasyārdhakṛtiś IV_1 [37] for tāvan eva: tāvaty eva IV_1P_1; tāvataiva S [38] °vago V_1; °vargo P_1 corrected to °varge by DY; S=DY [39] dvādaśī jīvā° IV_1P_1S [40] car I

ṣoḍaśyā[1] api[2] jīvāyā bhujarūpāyā[3] vyāsaḥ[4] karṇaḥ | aṣṭamī P₁ p. 40
jīvā[5] koṭiḥ | evam etad āyatacaturaśraṃ[6] kṣetram | aṣṭamī
jīvā[7] koṭi⟨r⟩[8] vyāsārdhatulyā | asyā[9] eva[10] vargaṃ[11] vyāsavargād
apāsya triguṇavyāsārdhakṛtir[12] avaśiṣyate | pādonaḥ[13] karṇa- IV₁ 20r
vargaḥ[14] ṣoḍaśajīvāvargaś[15] ca sa[16] eveti[17] | ataś caturbhāga-
mūlaṃ ṣoḍaśaṃ jyārdhaṃ bhavati | evaṃ pūrvalikhitavṛttakṣetre[18]
jyārdhaṃ[19] rekhābhiḥ[20] sarvaṃ[21] pradarśayet |

ato 'nyāni | ata uktāt[22] prakārād[23] anyāni śeṣāṇi[24] jyākhaṇ-
ḍāni[25] bhujakoṭikarṇakalpanayā[26] pradarśayitavyāni ||

katham iti cet tatpratipādanāyāryātrayam[27] āha ||

tulyakramotkramasama-
jyākhaṇḍakavargayuticaturbhāgam[28][29] |
prohyānaṣṭaṃ[30] vyāsā-
rdhavargatas tatpade prathamam || XXI, 20
taddalakhaṇḍāni tadū-
najinasamāni[31] dvitīyam[32] utpattau[33] |
kṛtayamalaikadigīśe-
ṣusaptarasaguṇanavādīnām[34] || XXI, 21

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[1] ṣoḍaśaya V_1 [2] ṣoḍaśyā api P_1 corrected to ṣoḍaśāpi by DY [3] bhujārūpāyā IV_1; °rupāyā P_1 corrected to °rūpāyā by DY [4] vyāsa IV_1 [5] jīva IV_1 [6] °asraṃ IV_1; āyataḥ catur° P_1 [7] jīvavā V_1 [8] koṭi IV_1P_1S [9] tasya P_1S [10] om. IV_1 [11] varga P_1S [12] °kṛtin IV_1; °kṛter S [13] pādona- P_1 [14] °varga IV_1 [15] °daśījīvā° IV_1; °daśījīva° P_1; °daśī jīvanavargaś S [16] ma S [17] eva iti IV_1 [18] °likhitaḥ vṛtta° P_1S [19] °dha IV_1 [20] reṣābhis IV_1 [21] sārdha IV_1; sārdhaṃ P_1S [22] ukṣāt IV_1 [23] prakārād ady IV_1 [24] śeṣāni P_1 [25] jyāsaṃḍāni P_1 [26] bhujya°kalpanaya IV_1 [27] tat om. P_1S [28] °mama° for °sama° I; °sama° om. V_1; °otkramajyāsamakhaṇḍaka° P_1 corrected to °otkramasamajyāsamakhaṇḍaka° by DY [29] for °yuticatur°: °yuteś catur° IV_1S [30] projyā° IV_1 [31] tadūnadina° I; °jinasamāni P_1 corrected to °tenasamān by DY [32] tvitīyayam V_1 [33] utpattau P_1 corrected to utpattī by DY [34] °yamaloka° IV_1

evaṃ jīvākhaṇḍāny
alpāni bahūni[1] **vādyakhaṇḍāni** |
jyārdhāni[2] **vṛttaparidheḥ**[3]
ṣaṣṭhacaturthatribhāgāṇām[4] || **XXI, 22**

tulyasya dhanuṣaḥ[5] kramotkramābhyāṃ ye samajyākhaṇḍake dvitīyacaturthādike[6] tayoḥ[7] khaṇḍakayor[8] vargau[9] **tulyakramotkramasamajyākhaṇḍakavargau**[10] | tayor vargayor yutis[11] tasyā yuteś ᵇcaturthabhāgas[12] **tulyakramotkramasamajyākhaṇḍakavargayutiᵈcaturbhāgaḥ**[13] | taṃ **prohyānaṣṭam**[14] | kuta[15] S p. 1629
ity āha **vyāsārdhavargataḥ**[16] | **tatpade** tābhyāṃ pade tatpade | prathamaṃ ekaṃ padam anaṣṭād[17] rāśeḥ[18] | anaṣṭonād[19] vyāsārdhavargād[20] dvitīyaṃ padam | **prathamaṃ**[21] **taddalakhaṇḍāni** | anaṣṭapadaṃ[22] yat tad yāvatsaṃkhyāyā jyāyāḥ[23] karma kṛtaṃ[24] IV$_1$ 20v
jātaṃ[25] tadardhasaṃkhyaṃ[26] jyārdhaṃ[27] bhavatīty arthaḥ | P$_1$ p. 41
yadi dvādaśena kramajyākhaṇḍena karma kṛtaṃ[28] tat ṣaṣṭhaṃ[29] bhavati | evaṃ sarvatra samakhaṇḍakarmaṇi[30] yojyaṃ[31] | ata eva[32] **taddalakhaṇḍānīti**[33] bahuvacananirdeśaḥ[34] kṛtaḥ |

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[1] bahūni P$_1$ corrected to baṭkani(?) by DY [2] jyārdhoni IV$_1$ [3] °paridheṣv IV$_1$ [4] aṣṭacatur° IV$_1$; °tribhāgānām P$_1$ corrected to °vibhāgānām by DY; °caturthaṃ vibhāgānām S [5] dhanuṣa P$_1$ [6] °thadike P$_1$ [7] tayo P$_1$ [8] °kayo P$_1$ [9] vargo IV$_1$; varga P$_1$; vargāt S [10] °vargo IV$_1$; °kramoktamajyā° P$_1$ corrected to °kramotmajyā° by DY; °sama° om. S [11] yutiḥ P$_1$S [12] bhāgāḥ P$_1$ [13] °bhāgās IV$_1$; °kramoktamasajyākhaṃḍakacaturbhāgāḥ P$_1$, °kramoktamasajyā°corrected to °kramotmasajyā° by DY; between ▷ and ◁: om. S [14] projjyā° IV$_1$ [15] ta I; kṛta V$_1$ [16] sārdha° P$_1$; sārdhaṃ vargataḥ S [17] anaṣṭā IV$_1$; naṣṭād P$_1$ [18] bhāger IV$_1$ [19] °nān IV$_1$ [20] °vargān IV$_1$; ᵇvargā P$_1$; ᶜvarga S [21] prathama IV$_1$ [22] anaṣṭaṃ padaṃ P$_1$S [23] jyā I [24] for karma kṛtaṃ: karmakṛ I; karmāvṛj P$_1$ corrected to karmākṛdbhaj(?) by DY; kramotkrama S [25] jñātaṃ S [26] tadardhaṃ saṃkhyaṃ (saṃkhaṃ P$_1$) P$_1$S [27] jyārdha P$_1$ [28] kṛta S [29] prathamaṃ P$_1$S [30] mamakha°karmāṇi IV$_1$; ᶜkhaṇḍakakarmaṇi P$_1$ corrected to ᶜkhaṇḍakakarmāṇi by DY; °karmani S [31] jyojyam P$_1$ [32] evaṃ IV$_1$ [33] tadalakhaṃ° I; taralakhaṃ° V$_1$; tadkhaṃ° P$_1$; tatra khaṃ° S [34] bahu° P$_1$ corrected to baha by DY

dvitīyaṃ yat padaṃ **tadūnajinasamāni** | prathamapadād yat khaṇḍakam utpannaṃ tatsaṃkhyāṃ[1] caturviṃśater apāsyā śeṣasaṃkhyāsamakhaṇḍakasyotpattir[2] bhavatīty arthaḥ | evaṃ prathamenotpannena[3] dvitīyotpattiḥ sarvatra jñeyā | bahuvacanāt **tadūnajinasamānīti**[4] |

dvitīyaṃ padaṃ[5] yojyam **utpattau kṛtayamalaikadigīśeṣusaptarasaguṇanavādīnām**[6] | ayam arthaḥ spaṣṭataro vivṛyate[7] | tad yathā | krameṇāṣṭama▷jyārdhaṃ[8] bhujotkrameṇa◁[9] jyākhaṇḍaṃ[10] koṭiḥ | śaraś[11] ca sa evāṣṭamyā[12] jīvāyāḥ | tato bhujakoṭivargayogacaturbhāgamūlaṃ[13] karṇārdhaṃ[14] bhavati | tad eva pañcadaśānāṃ bhāgānāṃ jyākhaṇḍakaṃ[15] bhavati | caturthajyārdham[16] ity arthaḥ | punar[17] api tadbhujakoṭivargayogacaturbhāgaṃ vyāsārdhakṛteḥ saṃśodhya[18] śeṣapadaṃ tadūnajinasamaṃ viṃśatitamaṃ[19] jyākhaṇḍakaṃ bhavati | yataś[20] caturthajyākhaṇḍakaṃ[21] bhujā[22] viṃśatitamaṃ koṭir vyāsārdhaṃ[23] karṇas tasmād upapannam |

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[1] °khyaṃ I; khyā P_1S [2] seṣa° V_1; °samakhaṃkasyo° P_1 [3] °panne IV_1 [4] tadūnā° IV_1; °samānīni P_1 [5] om. IV_1 [6] kṛtajama° I; kṛteyama° V_1; °guṇavādīnām P_1; °saptasya guṇavādīnām S [7] nivṛyatena IV_1; vivrite P_1 corrected to vivriyate by DY; vivṛte S [8] krameṇā···jyārdhaṃ (°dha I) IV_1; krameṇāṣṭamajyā S [9] between ▷ and ◁: om. P_1S [10] °ṇḍāṃ IV_1; °ṇḍa P_1S [11] rasaś P_1S [12] °myāṃ I [13] °bhāgā° P_1 corrected to °bhāga°by DY; °vargayogena tu bhāga° S [14] °dha I [15] °ko P_1S [16] caturthaṃ jyārtham IV_1 [17] munar P_1 [18] saṃsodhya P_1 [19] viśati° P_1 [20] yataḥś IV_1 [21] caturthaṃ jyākhayuktaṃ I; caturthaṃ jyākhaṃdayuktaṃ V_1 [22] bhuja IV_1 [23] vyāsordha P_1; °dha S

evaṃ yathāṣṭame jñāte caturthaṃ[1] sādhitaṃ viṃśaṃ ca[2] | IV$_1$ 21r
ᵇevaṃ caturthād[3] dvitīyaṃ dvāviṃśaṃ ca | dvitīyāt[4] prathamaṃ trayoviṃśaṃ ca | evaṃ viṃśād[5] daśamaṃ caturdaśaṃ ca | ekādaśaṃ trayodaśaṃ dvāviṃśāt[6] | daśamāt pañcamaṃ[7] ekonaviṃśatitamaṃ[8] ca | caturdaśāt[9] saptamaṃ saptadaśaṃ ca | P$_1$ p. 42
evaṃ caturdaśajyākhaṇḍakāny aṣṭamāt | tathā dvādaśāt ṣaṣṭhaṃ[10] aṣṭādaśaṃ ca | aṣṭādaśān navamaṃ pañcadaśaṃ ca | ṣaṣṭhāt tṛtīyam ekaviṃśaṃ[11] ca | etāni ṣaḍjyākhaṇḍāni[12] dvādaśāt | evaṃ viṃśatiḥ[13] | pūrvānītāni[14] trīṇi[15] aṣṭamadvādaśaṣoḍaśāni[16] vyāsārdhaṃ cety[17] evaṃ caturviṃśatir[18] jyākhaṇḍakāni pradarśitāni | tata[19] uktaṃ **kṛtayamalaikadigīśeṣusaptaguṇarasanavādīnām**[2021] | kṛtā 4[22] yamalau[23] 2[24] ekaḥ 1 dik 10 īśāḥ 11 iṣavaḥ 5 sapta 7 guṇāḥ[25] 3 rasāḥ[26] 6 nava 9 | caturthe[27] utpanne dvitīyaṃ dvitīye ca prathamam | tathā[28] caturthe viṃśatitamaṃ[29] tataś ca daśamam | dvitīye dvāviṃśaṃ[30] tataś caikādaśam ityādi pradarśitam ācāryeṇāsmābhir api[31] vistarato vyākhyātam[32] |

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[1] °tha S [2] ṣoḍaśa inserted after this P$_1$ [3] caturdhā [4] °yā P$_1$; °yaṃ S [5] viṃśā P$_1$ [6] °viṃśat P$_1$S [7] paṃtamaṃ V$_1$; paṃcamaṃ ca P$_1$S [8] ekonaviṃ° I; ekānnaviṃ° P$_1$ [9] °daśā P$_1$ [10] evam P$_1$S [11] evaṃ viṃśaṃ P$_1$S [12] ṣaḍyākha° V$_1$; ṣaḍujyā° P$_1$ [13] °śati P$_1$S [14] pūrvāṇi P$_1$S [15] om. P$_1$S [16] aṣṭamadvādaśāni IV$_1$; aṣṭamadādaśāni P$_1$ corrected to aṣṭamadvādaśaṣoḍaśāni by DY [17] ceti ity P$_1$, ceti corrected to cati by DY [18] °śati IV$_1$ [19] yata IV$_1$; tata P$_1$ corrected to yata by DY [20] °navodī° V$_1$; °śeṣu sadā guṇa° S [21] different from the mūla: "°saptarasaguṇanavā°" [22] om. P$_1$, dhaḥ inserted by DY; dhaḥ S [23] ra IV$_1$ [24] om. P$_1$S [25] guṇā IV$_1$; guṇa P$_1$ [26] rasā P$_1$ [27] tathā inserted before caturthe P$_1$S [28] om. P$_1$S [29] viśati° P$_1$ [30] °viṃśa P$_1$ [31] aṣi V$_1$; ā P$_1$ corrected to api by DY [32] vyakh° P$_1$

evaṃ jīvākhaṇḍāni[1] anena prakāreṇa jyākhaṇḍāny utpādyāni **alpāni bahūni vā**[2] | athavānayā vṛttakṣetravāsanayā[3] caturviṃśatikhaṇḍāny[4] utpādyāni[5] ᵇsvalpāni bahūni vā◁[6] |

ādyāni[7] ca khaṇḍāny[8] aṣṭamadvādaśaṣoḍaśāni[9] yāny uktāni[10] tāni[11] **jyārdhāni vṛttaparidheḥ**[12] ᵇ**ṣaṣṭhacaturthatribhāgāṇām** | paridheḥ◁[13][14] ṣaḍbhāgasya jyārdham aṣṭamakhaṇḍakaṃ[15] IV₁ 21v caturbhāgasya dvādaśaṃ jyārdhaṃ ᵇtribhāgasya ṣoḍaśaṃ jyārdham◁[16][17] | etac[18] cāsmābhiḥ[19] pūrvam eva pradarśitam[20] |

udā⟨haraṇam⟩[21] | vyāsārdhakṛtiḥ khaśūnyanavavayamanavarasāmbaraśaśinaḥ[22] 10692900[23] | ekadvitriguṇāḥ 10692900[24]|21385800|32078700 prakrameṇa[25] | caturbhāga- P₁ p. 43 mūlāni[26] 1635[27]|2312[28]|2832 | etāny aṣṭa⟨ma⟩dvādaśaṣoḍaśakhaṇḍāni[29] | śeṣāṇāṃ tad yathā | aṣṭamaṃ jyākhaṇḍaṃ[30] krameṇa 1635[31] utkrameṇa 438 | anayor[32] vargayogacaturbhāgo 'naṣṭasaṃjñaḥ[33] 716267[34] | asya[35] mūlam 846 |

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[1] jīva° P_1S [2] for alpāni bahūni vā: svalpāni vā (ca S) bahūni vā (va P_1 corredted to vā by DY) P_1S [3] ṣṭakṣaketravāsa° I; vṛkṣaketravāsa° V_1 [4] catuviśati P_1 corrected to catuviṃśati by DY [5] utpadyāni V_1; upapādyāni S [6] between ᵇ and ◁: svalpāni vā bahūni IV_1 [7] adyāni P_1; atha yāni S [8] °ḍāni yataḥ IV_1P_1S [9] aṣṭamadvādaśaṣodaśaṣoḍaśāniIV_1; aṣṭamadvādaśāni P_1S [10] uktā V_1 [11] om. V_1 [12] °dheṣ I; vṛttaparaṃ P_1; vṛtteḥ paridheḥ S [13] °dheṣ IV_1 [14] between ᵇ and ◁: om. P_1S [15] aṣṭamaṃ kha° IV_1 [16] °dhāṃ P_1 corrected to °dhaṃ by DY [17] between ᵇ and ◁: om. IV_1 [18] evaṃ dvadheḥ c P_1, c corrected to tac by DY [19] cāsmaibhiḥ IV_1 [20] pradarśanaṃ IV_1 [21] tadā IV_1; udā P_1; udāo S [22] khakhaśūnya° IV_1 [23] 10672900 I; 106929000 V_1 [24] 106929000 V_1 [25] prathamakrameṇa P_1; pṛthak krameṇa S [26] catubhāga° V_1; °bhāgā mūlāni P_1S [27] 16 | 35 P_1S [28] 2319 IV_1P_1S [29] aṣṭadvā° IV_1P_1S [30] jyākhaṃ P_1; °khaṇḍa S [31] om. P_1S [32] anayo P_1 [33] °saṃjñā I; matā for saṃjñaḥ V_1 [34] 716263 IV_1; 716263 P_1 corrected to 716267 by DY [35] asyā P_1; asmān··· S

idaṃ caturthaṃ[1] jyārdhakhaṇḍakam[2] | anaṣṭaṃ vyāsārdhavargād apāsya śeṣaṃ 9976633[3] | asya mūlam 3159 | idaṃ viṃśaṃ[4] jyākhaṇḍam[5] | evaṃ sarvatra ||

S p. 1630

idānīm aṣṭadvādaśaṣoḍaśakhaṇḍakaiḥ[6] siddhaiḥ śeṣāṇām[7] ānayanaṃ prakārāntareṇa[8] pradarśayann[9] āryām[10] āha ||

utkramasamakhaṇḍaguṇād[11]
vyāsād[12] athavā caturthabhāgād yat[13] |
kṛtvoktakhaṇḍakāni
jyārdhānayanaṃ na[14] laghv asmāt[15] || XXI, 23

utkrameṇa samasaṃkhyaṃ[16] khaṇḍaṃ tad **utkramasamakhaṇḍam** | tena vyāsaṃ khavedaśararasasaṃkhyaṃ[17] saṃguṇayya[18] tatas tasmāc caturbhāgo grāhyaḥ | sa ca *tulyakramotkramasamajyākhaṇḍakavargayuticaturbhāgeṇa*[19a] tulyo bhavatīty arthaḥ |

[a] BSS XXI, 20ab

[1] °tham IV_1; caturthe P_1 corrected to caturtha by DY; caturthe S [2] jyākhaṃḍam (°khaṇ° S) P_1S [3] 7756633 IV_1; 9956633 P_1S [4] viṃśa V_1 [5] tyākha° IV_1 [6] °kais I; °ṣoḍakhaṃḍakaiḥ V_1; °khaṃḍaiḥ P_1; °ṣoḍakhaṇḍaiḥ S [7] śeṣaṇām V_1; śeṣāṇāṃ P_1 corrected to śeṣaṇām by DY [8] °tareṇā P_1 [9] pravarśann S [10] om. IV_1 [11] °sakhaṃḍa° V_1 [12] vyāsādaśād V_1 [13] yam P_1 [16] masaṃkhyaṃ V_1; samasaṃrkhya S [17] khavedarasarasaṃkhyaṃ P_1 corrected to khavedarasasaṃkhyaṃ by DY [18] saṃguṇaṇat(?) V_1; °guṇajya P_1S [19] °vargā° I; °samamajyā°vargā° V_1; °kramoktamasama° bhāgena P_1 corrected to °krametmasama° bhāgona by DY; °bhāgena S

etad uktaṃ bhavati | aṣṭamasya kramajyākhaṇḍasya[1] bhūtāgni- IV$_1$ 22r
rasaśaśāṅkatulyasyotkrameṇa[2] samasaṃkhyam aṣṭamam eva khaṇḍaṃ vasuguṇavedasaṃkhyam[3] 438 | anenāyaṃ[4] vyāso[5] 6540 guṇito jātaḥ[6] 2864520 | asya caturbhāgaḥ[7] 716130 | etad anaṣṭaṃ vyāsārdhavargād[8] apāsya[9] śeṣaṃ khamuninagarasāganavanandāḥ[10] 9976770[11] | prathamān[12] mūlaṃ[13] caturthajyākhaṇḍam 846 | dvitīyāt[14] padaṃ viṃśaṃ[15] jyākhaṇḍam[16] 3159 | etac[17] ca[18] kṛtvāṣ- P$_1$ p. 44
ṭadvādaśaṣoḍaśakhaṇḍāni[19] karma kartavyam[20] | yataś caturbhāgādyaṃ[21] yat karma tat prāguktena[22] samaṃ kāryam[23] ity uktam **athavānena** prakāreṇa jyārdhānayanam | ᵇevaṃ dvādaśaṣoḍaśayor api jñeyam |

jyārdhānayanaṃ naᵈ[24] **laghv asmād** iti | bahubhir apy ācāryair[25] jyārdhānayanāni[26] bahuprakārāṇy[27] uktāni kin tv ato 'nyal[28] laghutaraṃ nāstīty arthaḥ |

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[1] ca is inserted after this. P$_1$ [2] °tulyotkra° P$_1$ corrected to °tulyasotkra° by DY [3] suguṇa° P$_1$ [4] anenayaṃ I; anenā V$_1$ [5] vyāsaḥ IV$_1$P$_1$S [6] yātaḥ P$_1$S [7] °bhāgā P$_1$S [8] °vargad IV$_1$ [9] apaśya I; ayāsya P$_1$ [10] °rasānavanaṃdā P$_1$ corrected to °rasāganavanaṃdā by DY; °naṃdā S [11] 7776770 I [12] prathamā P$_1$ [13] mū I [14] °yaṃt IV$_1$; °tīyā P$_1$ corrected to °tīyāt by DY [15] for padaṃ viṃśaṃ: paśaṃ P$_1$ corrected to padaṃ śaṃ by DY [16] ṣaṃḍaṃ P$_1$ corrected to jyāṣaṃḍaṃ by DY [17] etat IV$_1$ [18] om. IV$_1$ [19] °ṣoḍaśā° P$_1$S [20] karttavyaṃ IP$_1$ [21] °bhāgadyaṃ P$_1$ [22] prayuktena IV$_1$; prāgyktaṃ na P$_1$ [23] kāryay S [24] between ᵇ and ᵈ: om. IV$_1$ [25] for apy ācāryair: apy aścāryai V$_1$; athācāryai P$_1$; apcāāryai S [26] jyārdhanaya° I; jyārdhyanaya° P$_1$ [27] °kāraṇy P$_1$ [28] for ato 'nyal: tenyaṃ I; jyebhyāṃ V$_1$

atreyaṃ[1] vāsanā | utkramakhaṇḍena[2] yadā vyāsa[3] ūnīkṛtas[4] tenaiva nihanyate tadotkramasamasya khaṇḍasya[5] kramajyākhaṇḍasya[6] vargo bhavati[7] | tatra cotkramakhaṇḍavarga⟨ṃ⟩[8] saṃyojya[9] caturbhāgo[10] grahītuṃ[11] yujyate[12] [ata] ācāryeṇa[13] | sakala eva[14] vyāsaḥ[15] saṃguṇita[16] utkramakhaṇḍena[17] vargayutis tayor[18] bhavati kramotkramakhaṇḍayor[19] yasmād yenaivonas tenaiva yadā vyāsaḥ[20] saṃguṇyate[21] tadā guṇakāronavyāsārdhakṛtyā[22] hīno[23] IV$_1$ 22v vyāsārdhavargo[24] bhavati | guṇakārakṛtiś cātrotkramakhaṇḍakakṛtiḥ[25] | sā ca punar api yojyā[26] bhaviṣyatīti kṛtvā kramajyārdhakṛteḥ[27] sakala eva vyāsaḥ[28] saṃguṇita[29] utkramakhaṇḍena[30] | tataś[31] caturbhāgena pūrvavat[32] sarvam upapannam |

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[1] atrevaṃ P$_1$ [2] uktamakhaṃḍena P$_1$ corrected to uktaṃ khaṃḍena by DY [3] vyāṃsa P$_1$ [4] unīkṛtas I; trunīkṛtaḥ P$_1$ corrected to unīkṛtaḥ by DY [5] for °samasya khaṇḍasya: tadoktamakhaṃḍasamasya P$_1$ corrected to tadotkramakhaṃḍasamasya by DY; tadotkramakhaṃḍasamasyā kramajyāvotkrama khaṃḍasamasya S [6] ca is inserted after this. P$_1$S [7] after this is insered: tatra coktamakhaṃḍasamakramajyākhaṃḍasya ca vargo bhavati P$_1$, where coktama° and °samakrama° are corrected to cotkrama° and °samasya krama° respectively by DY; khaṃḍasya tatra ca vargo bhavati S [8] °ṇḍāvarga IV$_1$; ca···makhaṃḍavarga P$_1$, ca corrected to co by DY; co···makhaṃḍaṃ vargā S [9] °yojyā IV$_1$; yojya P$_1$S [10] catu··· P$_1$S [11] gṛhītuṃ IV$_1$; gṛhītaṃ P$_1$ [12] yujyate P$_1$, jyate corrosed out by DY; yu··· S [13] ··· P$_1$ corrected to ā···ṇa by DY; o···ṇa S [14] om. P$_1$; ··· S [15] °sas IV$_1$ [16] ṇitaḥ P$_1$ corrected to sa···ṇitaḥ by DY; saṃ···ṇitaḥ S [17] °khaṃḍenayane I; °khaṃḍonayane V$_1$; uktakhaṃḍane P$_1$ corrected to utkramakhaṃḍane by DY; utkrama···khaṃḍane··· S [18] tayo P$_1$S [19] kramoktamakhaṃḍayoḥ P$_1$, kramoktama corrected to kramotkrama by DY; °yoḥ S [20] vyāsa S [21] saṃguṇāyate P$_1$ [22] °kṛtya IV$_1$; °ārdhagatyā P$_1$S [23] hīne IV$_1$ [24] °vargo P$_1$ corrected to °varge by DY [25] cātroktama° P$_1$ [26] jyojyā V$_1$; yojyaṃ P$_1$ corrected to jñejya by DY [27] °kṛtes IV$_1$ [28] vyāsa S [29] vyāsasya guṇita IV$_1$ [30] uktama° P$_1$ corrected to utkrama° by DY [31] ś (tata om.) IV$_1$ [32] pūrvaṃ tat P$_1$

utkramakhaṇḍen⟨ono⟩[1] guṇo vyāsaś ca kramajyākhaṇḍasya vargaḥ[2] kathaṃ bhavatīti[3] cet tatrāyaṃ[4] parihāro[5] *rāśer iṣṭayutonād vadha*[6a] iti vargaprakāraḥ | sarvam etad vṛtte yathālikhite[7] pradarśayet ||

iti jyāprakaraṇam ||

[a] BSS XII, 63cd

[1] °khaṇḍena IV_1S: uktamakhaṇḍe P_1 corrected to utkramakhaṃḍena by DY [2] varga | [3] bhavatīty arthaḥ iti P_1, ty arthaḥ crossed out by DY [4] tatrayaṃ IV_1 [5] °hāraḥ P_1S [6] vadya P_1 [7] °likhito IV_1

XXI, 24–30

idānīṃ sarvagrahānāṃ[1] mandaśīghraphalasaṃskāreṇa[2] yat spaṣṭīkaraṇaṃ dṛksamaṃ[3] sphuṭagatau[4] pradarśitaṃ tatra kāraṇaṃ[5] āryātrayeṇa[6] pradarśayann[7] āha ‖

IV$_1$ 22v l. 4; P$_1$ p. 44 l. -1; S p. 1630 l. -8 P$_1$ p. 45

kakṣāmaṇḍalamadhyaṃ[8]
bhūmadhye madhyamaḥ[9] svakakṣāyām[10] |
anulomaṃ mandoccāt
pratilomaṃ bhramati śīghroccāt[11] ‖XXI, 24
nīcoccavṛttamadhyaṃ
madhye[12] tad bhramati[13] madhyagaṃ[14]
svoccāt |
tatparidhau pratilomaṃ
mandoccād bhramati śīghroccāt ‖XXI, 25[15]
anulomaṃ madhyasamaṃ[16]
bhūsthaḥ paśyati yato na kakṣāyām |
spaṣṭaṃ tanmadhyāntaram[17][18]
ṛṇaṃ dhanaṃ vā tato madhye ‖ XXI, 26

kakṣāyā[19] maṇḍalaṃ **kakṣāmaṇḍalam[20]** | athavā kakṣaiva[21] maṇḍalaṃ **kakṣāmaṇḍalam[22]** | ᵇtasya madhyaṃ[23] tad **bhūmadhye** | **madhyamaḥ[24] svakakṣāyām[25]** | yad anantaroktaṃ[26] kakṣāmaṇḍalaṃ◁[27] tatra madhyamo bhavati | **anulomaṃ mandoccāt[28]** | mandoccabhāgāvadher[29] anulomena[30] bhramati[31] |

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[1] °grahaṇaṃ IV$_1$; sarvaṃ gra° S [2] °saṃskareṇa V$_1$ [3] dṛkatamaṃ P$_1$; om. S [4] sphuṭatato IV$_1$ [5] m (kāraṇa om.) IV$_1$ [6] āryatra° IV$_1$; āryā P$_1$; āryāḥ S [7] pra om. IV$_1$ [8] kakṣyā° IV$_1$ [9] °mas IV$_1$ [10] sakakṣā° IV$_1$ [11] śīghreccāt I [12] om. IV$_1$ [13] bhūmati IV$_1$ [14] madhyamas IV$_1$; madhyamaḥ S [15] XXI, 25 om. P$_1$ [16] madhyamasa IV$_1$ [17] for spaṣṭaṃ tan-: srṣṭantar I; srṣṭantaṃ V$_1$ [18] madhyaṃtaram P$_1$ [19] kakṣyāyā IV$_1$ [20] kakṣyā° IV$_1$ [21] kakṣyaiva IV$_1$P$_1$ [22] kakṣyā° IV$_1$ [23] madhyamaṃtraḥ P$_1$; madhyaḥ mantra S [24] om. S [25] °kakṣayā S [26] aṃtarokta S [27] between ᵇ and ◁: om. IV$_1$ [28] °ccāra S [29] °bhogāyudher IV$_1$ [30] anulomyana I; anulomyena V$_1$ [31] kramati IV$_1$

mandoccaṃ jitvā graho[1] yātīty[2] arthaḥ | **pratilomaṃ bhramati**[3] **śīghroccāt** | śīghroccabhāgāvadhes[4] tu punaḥ pratilomena[5] bhramati | śīghrāt paścād avalambata[6] ity arthaḥ | IV$_1$ 23r

nīcoccavṛttamadhyaṃ madhye[7] **tad bhramati** | nīcaṃ coccaṃ[8] ca[9] nīcocceti[10] | yatra vṛtte grahasyotpadyete[11] tan **nīcoccavṛttam**[12] | kakṣāmaṇḍalapratimaṇḍalayor[13] antaratulyena[14] vyāsārdhena yad vṛttam utpadyate tad[15] ity arthaḥ | tac[16] caikaṃ[17] mandanīcoccavṛttaṃ[18] dvitīyaṃ[19] śīghranīcoccavṛttam[20] | tayor[21] madhyaṃ[22] **nīcoccavṛttamadhyam** | **tad bhramati madhye** | yad[23] uktaṃ kakṣāmaṇḍale[24] mandoccād[25] anulomaṃ[26] madhyama[27] iti prāgāryāyāṃ[28] nīcoccavṛttamadhyaṃ[29] madhye sthitaṃ[30] tad bhramati[31] ▷na tu punar[32] graha ity arthaḥ |

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[1] grato P$_1$; gratau S [2] jātīty IV$_1$ [3] bha bhavati I; na bhavati V$_1$ [4] °bhogāva° IV$_1$; °bhogāvadheḥ P$_1$ corrected to °bhāgāvadheḥ by DY; S=DY [5] °lomyena IV$_1$ [6] °bate P$_1$S [7] madhye P$_1$ but crossed out by DY [8] for nīcaṃ coccaṃ: nīcaṃ cocca P$_1$ corrected to nīcoccaṃ by DY; S=DY [9] om. P$_1$ but inserted by DY [10] nīcacconte IV$_1$; nīcocyate P$_1$ corrected to nīcocyete by DY [11] °padyetan I; °padyattan V$_1$ [12] °vṛtte V$_1$; °vṛtaṃ P$_1$ [13] kakṣyā° IV$_1$; kakṣā om. P$_1$; °maṃḍalaṃ prati° S [14] anūratulyena IV$_1$ [15] tadd IV$_1$ [16] na IV$_1$ [17] caika I [18] °nīccoccaṃ vṛtaṃ P$_1$ corrected to nīccoccavṛtaṃ by DY [19] dvitīṃ ca I; dvitīya V$_1$ [20] °vṛtta IV$_1$; °vṛtaṃ P$_1$ [21] yor IV$_1$ [22] madhya I [23] yad P$_1$ corrected to tad by DY [24] kakṣyā° IV$_1$; °ḍalomaṃ S [25] mandocād IV$_1$; om. P$_1$S [26] om. P$_1$S [27] kakṣāmadhyama P$_1$, kakṣā crossed out by DY [28] prācāryāyāṃ IV$_1$ [29] °vṛta° P$_1$ [30] sthite IV$_1$; sthitiṃ P$_1$S [31] camati P$_1$ corrected to bhramati by DY [32] punaḥ S

grahas tu puraḥ **svocc⟨āt⟩**[1] **tatparidhau pratilomaṃ mandoccāt**◁[2] | svoccāvadhes[3] tasyaiva[4] paridhau manda⟨nīcocca⟩vṛt- P_1 p. 46
tasya[5] pratilomaṃ viparītaṃ bhramati | svapratimaṇḍaloccapradeśān[6] mandoccanīcavṛttaṃ[7] yāvad grahābhimukhaṃ[8] nīyate kakṣāmaṇḍale[9] tanmadhyaṃ[10] kṛtvā tāvan mandanīcoccavṛttaparidhisthito[11] graho[12] 'valambamānaḥ[13] pratilomaṃ[14] dṛśyate |

bhramati śīghoccāt tu[15] punar **anulomam** | yad uktaṃ[16] kakṣāmaṇḍale pratilomaṃ śīghroccāt[17] tac[18] chīghranīcoccavṛttamadhyaṃ[19] na[20] grahaḥ | grahas tu[21] tatparidhau bhramaty anulomam | svapratimaṇḍaloccapradeśāt[22] kakṣāmaṇḍale[23] madhyaṃ kṛtvā śīghroccanīcavṛttaṃ grahābhimukhaṃ[24] pratilomaṃ yāvad IV_1 23v
ānīyate tāvat tatparidhisthito graho 'nulomo[25] dṛśyate[26] |

yata evaṃ **madhyasamaṃ**[27] grahaṃ **bhūstho** draṣṭā **svakakṣāyāṃ**[28] **spaṣṭaṃ**[29] **na paśyati tato madhye** grahe ⟨**tanmadhyāntaraṃ**⟩ **dhanam ṛṇaṃ vā**[30] kriyate[31] |

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[1] svocca P_1S [2] between ▷ and ◁: madhye vad uktaṃ kakṣyāmaṃḍale maṃdocād anulomaṃ madhyama iti prācāt IV_1 [3] stodyāvadhe P_1 corrected to svoccāvadhe by DY [4] tat IV_1 [5] °vṛtasya P_1 [6] °ḍalo ca pra° V_1; °ḍale ca pra° P_1S [7] °vṛtaṃ P_1 [8] gṛhābhi° P_1 [9] kakṣyā° IV_1 [10] vanmadhyaṃ P_1; yāvān madhyaṃ S [11] vṛtta om. IV_1; ° vṛta° P_1 [12] om. P_1S [13] vilaṃvamānaḥ IV_1; 'valaṃbāyamānaḥ S [14] °lomo IV_1 [15] om. IV_1 [16] uktā IV_1 [17] °ccaṃ IV_1; °cca S [18] ta P_1 [19] °graṃ nī° I; °ghraṃ nī°madhye V_1; śīghranīccovṛtta° P_1 corrected to chīghranīcoccavṛtta° by DY [20] nya IV_1 [21] om. S [22] °deśā P_1S [23] kakṣyā° IV_1 [24] grābhi° IV_1; °muṣaṃ P_1 [25] nalomo IV_1 [26] tyaśyate IV_1 [27] madhyamasaṃ IV_1P_1; madhyame saṃ S [28] kakṣyāyaṃ I; kakṣyā° V_1 [29] sṛṣṭaṃ IV_1; spaṣṭo P_1 [30] yā I [31] kṛyaṃto I; kṛyate V_1

asmāt[1] paramārthiko[2] grahaḥ[3] kakṣāmaṇḍale[4] na[5] bhramatīty ayam artho 'tiprapañcena[6] mayā vyākhyāyate[7] | tatra tāvat ⇒sa-māyāṃ[8] bhūmau[9] vyāsārdhakalpitena karkaṭakena[10] vṛttam[11] ālikhet | tat[12] kakṣāmaṇḍalam[13] | tatkendraṃ ca bhūgolasya[14] madhyam | tasya maṇḍalasyārdhāvagāhinyau[15] pūrvāparadakṣiṇottara-rekhe[16] kuryāt | evaṃ ca kṛte catvāri padāni bhavanti | tata ekaikasmin pade rāśitrayaṃ[17] rāśitrayaṃ[18] prakalpya[19] cihnāni kuryāt | ekaikasmin rāśau triṃśadbhāgaparikalpanāṃ[20] kṛtvā sarvatra [21] cihnāni kārayet[22] | evaṃ padarāśibhāgakalpite[23] kakṣāmaṇḍale[24] P_1 p. 47 pūrvataḥ[25] kramān[26] meṣādayo rāśayaḥ |

tato meṣāder ārabhya yatra yatra rāśau bhāge liptāyāṃ ca svamandoccaṃ vartate[27] tatra cihnaṃ kṛtvā tasmāc cihnād bhūmadhyaprāpisūtraṃ[28] nītvā rekhāṃ[29] kuryāt | tato[30] bhūmadhyāt tasyām eva[31] rekhāyāṃ[32] pratīpaṃ[33] svamandaparamaphalajyayā[34] kakṣāvyāsārdhapariṇatayā[35] mitaṃ sūtraṃ nidadhyād yatas[36] tāvat[37] sva

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[1] yasmāt IV_1P_1S [2] pāracārṣiko IV_1 [3] graha IV_1 [4] kakṣyā° IV_1; kakṣāṃ maṃḍalena P_1 [5] ka IV_1 [6] artho 'ti P_1, avagraha crossed out by DY; S=DY [7] khyayate P_1 corrected to vyākhyāyate by DY [8] between ⇒ and ⇐ are modified and quoted by Āmarāja in his commentary on KhKh I, 17. [9] avanau P_1S [10] karkaṭāchattakena I; karkaṭāvṛttakena V_1; karkaṭakena P_1 corrected to karkaṭena by DY [11] m (vṛtta om.) IV_1 [12] ta IV_1; tata P_1; tataḥ S [13] kakṣyā° IV_1 [14] bhūgola P_1S [15] °nyo IV_1 [16] pūrvaparadakṣinottare rekhe IV_1 [17] śāśi° P_1 corrected to rāśi° by DY [18] (rāśitrayaṃ) (parenthesized) S [19] prakalpi(?) V_1; prakalpa P_1S [20] °panā I; pari om. P_1S [21] sarva P_1 [22] kārayat I [23] pararāśi° V_1; °kalpa[p. 47]kalpate P_1; °kalpate S [24] kakṣyā° IV_1 [25] pūrvatat I; pūrvavat V_1 [26] kendrā IV_1; kendrān P_1S [27] varttate I [28] °asūtraṃ I; °prayasūtraṃ V_1 [29] reṣāṃ IV_1 [30] yato P_1S [31] aṃva I; aṃya V_1 [32] reṣāyā IV_1 [33] °īpa IV_1 [34] °jyāyā I; paramakalajyāyā V_1; °phalajyayā P_1 corrected to phale jyāyā by DY [35] kakṣyāvyāsārdhā° IV_1; kakṣāsārdha° P_1 [36] yātas IV_1 [37] tāva V_1

mandoccanīcavṛttavyāsārdham[1] | yatra sūtraṃ samāptaṃ tatra kendraṃ viracayya[2] kakṣāmaṇḍalatulyavyāsārdhena[3] vṛttam ālikhet[4] | tan mandapratimaṇḍalaṃ yata ācāryeṇaivoktaṃ sphuṭagatyuttare[5] *kakṣāmaṇḍalatulyapratimaṇḍalamadhyam*[6] *avanimadhyāt*[7] *khe*[8] *tat svoccanīcavṛttavyāsārdhe*[9] *'bhimukham*[10] *uccasye*ti[11a] | tata[12] eva mandapratimaṇḍalakendrāt pūrvadattarekhānusāreṇa[13] vyāsārdhatulyaṃ[14] sūtraṃ nītvā pratimaṇḍalaparidhiṃ prāpayet | tatra[15] pradeśe pratimaṇḍalasya paramoccatā[16] | tatroccavyapadeśaḥ | anayā rekhayā[17] kakṣāmaṇḍale[18] yaḥ[19] pradeśaḥ spṛṣṭaḥ[20] pūrvam eva mandoccacihnitas[21] tatra pradeśe mandanīcoccavṛttamadhyam[22] | tatpratimaṇḍalacihnāntaravyāsārdhena[23] vaṃśaśalākayā tad vṛttaṃ[24] nirmāpya[25] tathā nidadhyād[26] yathā kakṣāmaṇḍale[27] tadvṛttamadhyaṃ bhavati | tat sudīrghayā pratimaṇḍaloccabhūmadhyaprāpiṇyā[28]

IV$_1$ 24r

S p. 1632

[a] BSS XIV, 10

[1] °vṛttā° IV$_1$; sva om. V$_1$; °mandolinīca° P$_1$ corrected to °mandoccanīca° by DY [2] viracya P$_1$ [3] kakṣyā° IV$_1$ [4] ākhet P$_1$ corrected to ālikhet by DY [5] sphuṭā° IV$_1$ [6] kakṣyā°tulyaṃ prati° IV$_1$; °tulyaṃ prati° P$_1$S [7] ardhanimadhyāt IV$_1$ [8] om. P$_1$ but inserted by DY [9] socca° P$_1$ [10] timukham IV$_1$; for dhe 'bhi°: dhābhimukhas P$_1$, mukhas corrected to mukham by DY [11] for uccasyeti: uccasyābhimukham uccasyety arthaḥ IV$_1$; udyasya | abhimukham ukhasyety asyārthaḥ P$_1$, udya and ukha corrected to ucca and ucya respectively by DY; uccasya | abhimukham uccasyety asyārthaḥ S [12] ata P$_1$S [13] °khācusāreṇa V$_1$; pūrvacadattarekhā° P$_1$ corrected to pūrvavaduttarekhā° by DY; pūrvavaduttararekhā° S [14] °ārdhā° P$_1$ [15] tatra P$_1$ corrected to tat by DY [16] °tāḥ P$_1$ [17] rekhayā P$_1$ corrected to rekhā by DY [18] kakṣyā° IV$_1$ [19] maṃḍale inserted before yaḥ P$_1$ [20] spaṣṭaḥ P$_1$ corrected to spṛṣṭaḥ by DY; spaṣṭaḥ S [21] °cinhātas P$_1$ corrected to cihnatas by DY; °cihnatas S [22] °occacihnamadhyaṃ P$_1$; °occacihnavṛttamadhyaṃ S [23] °cihnantare vyā° IV$_1$ [24] taddvattaṃ P$_1$ corrected to tadvattaṃ by DY [25] °māpyaṃ IV$_1$ [26] °yā P$_1$ [27] kakṣyā° IV$_1$ [28] pratimaṃḍaloś ca bhūmadhyaprāpinya IV$_1$

vaṃśaśalākayā[1] yuktaṃ kalpayet | evaṃ mandapratimaṇḍala- P₁ p. 48
nīcoccavṛttayoḥ[2] saṃsthānam⇐[3]|

tato meṣāder ārabhya kakṣāmaṇḍale[4] yatra pradeśe[5] svaśīghraṃ vartate rāśibhāgādike tatra cihnaṃ kṛtvā tasmāc cihnād bhūmadhyaprāpisūtraṃ[6] prasārya[7] rekhāṃ[8] kṛtvā tato bhūmadhyāt tayaiva[9] rekhayā[10] punaḥ svaśīghraparamaphalajyātulyaṃ[11] tadvṛttapariṇataṃ[12] sūtraṃ pratīpaṃ[13] niḥsārya[14] tadagre[15] cihnaṃ IV₁ 24v
kuryāt | tac chīghrapratimaṇḍalamadhyam | tanmadhyaṃ kṛtvā kakṣāmaṇḍalavyāsārdhena vṛttam ālikhet[16] | tac ᵇchīghrapratimaṇḍalam[17] | tataḥᵈ[18] śīghrapratimaṇḍalamadhyāt[19] pūrvadattarekhānusāreṇa[20] vyāsārdhatulyaṃ[21] sūtraṃ pratimaṇḍalaparidhiṃ prāpayet[22] | tatra śīghrapratimaṇḍalasya paramoccatā[23] | tatkakṣāmaṇḍalāntaraṃ[24] śīghraparamaphalajyā | tattulyena vyāsārdhena[25] vaṃśaśalākayā[26] śīghranīcoccavṛttaṃ nirmāpayet | sudīrghayā[27] vaṃśaśalākayā[28] bhūmadhyapratimaṇḍaloccaprāpiṇyā[29] yuktaṃ kalpayet | tataḥ[30] kakṣāmaṇḍale[31] pūrvam eva yatra śīghroccacihnaṃ kṛtam āsīt tatra tasya madhyam |

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[1] vaṃśaśalāyā I; vaṃśaśalākāyā V_1 [2] °occaṃ vṛttayaḥs IV_1 [3] the modified quotation by Āmarāja ends here. [4] kakṣyā° IV_1 [5] deśe P_1S [6] °pratisūtraṃ IV_1 [7] prasārdha IV_1 [8] reṣā I [9] tathaiva S [10] reyāṃ I; reyā V_1 [11] °śīghrarama°tulyāt I; °tulyāt V_1 [12] °pariṇitaṃ IV_1; tadṛtta° P_1 [13] pratīyaṃ P_1 [14] nissāryi IV_1; nisārya P_1 [15] cāgre P_1 corrected to cagre by DY; agre S [16] ālikhet P_1 corrected to ālişet by DY [17] °ḍale I [18] between ᵇ and ᵈ: om. V_1 [19] śīghra° P_1 corrected to cchīta°by DY [20] °reṣānu° I; pūrvaṃvadatta° P_1; pūrvavad atra rekhā° S [21] vyāsārdhaṃ tulyaṃ P_1S [22] prāpayat I [23] °ccato IV_1 [24] °kakṣyā° IV_1 [25] °sārdhe S [26] °śalākoyāṃ I; °śalākāyāḥ V_1; vaṃśa° P_1 corrected to caśa° by DY [27] °ghayā P_1 corrected to °ghajā by DY; °ghajyā S [28] vaṃśaśakayā V_1 [29] prati om. IV_1; °ḍalocca° P_1 corrected to °ḍalecca° by DY [30] tat IV_1P_1 [31] °kakṣyā° IV_1

vṛttapañcakam[1] api ṣaṣṭiśatatrayāṅkitaṃ digrekhāṅkitaṃ[2] ca kuryāt | kakṣāmaṇḍalamandapratimaṇḍalaśīghrapratimaṇḍalāni[3] vaṃśaśalākābhiś[4] chedyakena[5] vā kalpyāni[6] | nīcoccavṛtte tu ▷punar[7] avaśyaṃ[8] vaṃśaśalākāmaye◁[9] dīrghaśalākayā ca yukte[10] kārye yatas tayoś calanāt phalavyaktiḥ ||

evaṃ[11] sthite phalopapattipradarśanārtham[12] āryādvayam āha ||

koṭiphalaṃ vyāsārdhāt
padayor ādyantayor bhavaty upari | P₁ p. 49
dvitṛtīyayor[13] yato 'dhas
tadyuktonaṃ tataḥ koṭiḥ ||XXI, 27
karṇas tadbhujaphalakṛti-
saṃyogapadaṃ taduddhṛtā[14] trijyā |
bhujaphalaguṇitāptadhanur
gaṇitenaivaṃ[15] phalaṃ śīghre || XXI, 28 IV₁ 25r

koṭiphalaśabdena[16] nīcoccavṛttakoṭir ucyate trairāśika-siddhā[17] | *tadguṇite jye bhāṃśair*[18] *hṛta*[a] ity[19] uktaṃ[20] yat koṭiphalam | **vyāsārdhāt** kakṣāmaṇḍalāt[21] | **padayor ādyantayor bhavaty upari** ⟨**dvitṛtīyayor yato 'dhaḥ**⟩ |

[a] BSS II, 14a

[1] vṛttaṃ pa° IV_1 [2] digreṣā° I; om. P_1S [3] kakṣyā° I; kakṣyāmaṃḍala-mandapratimaṃḍalāni V_1; madhyaṃ for manda S [4] ca śaśalā° P_1 [5] chedakena P_1S [6] kalpāni P_1S [7] punaḥ S [8] naravaśaṃ S [9] between ▷ and ◁: pranar avaśalākāmaye P_1 corrected to pranar avaśavaṃlāśarākāmaye by DY [10] for ca yukte: yukteḥ ca P_1; yukte ca [13] dvitīyayor P_1 corrected to dvitṛtīyayor by DY; dvitṛyīyor S [14] tadudvṛttā IV_1 [15] guṇite° IV_1S [16] °śabde P_1 [17] °rāśikaśidhva I; °rāśikaśidhva V_1 [18] bhāṃśe I; māṃśai V_1; nāṃśair P_1 [19] for hṛta ity: hṛte ity IV_1; hatety P_1S [20] uktāṃ S [21] °lat S

yataḥ[1] prathamacaturthapade kakṣāmaṇḍalād[2] uparisthitaṃ[3] dvitṛtīye[4] ca pade kakṣāmaṇḍalāntaḥpraviṣṭa⟨m⟩[5] ato[6] vyāsārdhād adhikā koṭir[7] ādyantayor[8] nīcoccavṛttakoṭyā[9] dvitṛtīyayo⟨r⟩[10] vyāsārdhān[11] nyūnā koṭis tayaiva | sā pratimaṇḍala▷karṇasya koṭir[12] bhavatīty arthaḥ | **tadyuktonaṃ tato** vyāsārdhaṃ **koṭir** mandaśīghrakarmaṇor api bhavatīti yāvat |

pratimaṇḍala**karṇas**◁[13] tu punas **tadbhujaphalakṛtisaṃyogapadam**[14] | **tad** iti sphuṭakoṭeḥ parāmarśaḥ | tasyāḥ **kṛtiḥ** | **bhujaphala**śabdena[15] nīcoccavṛttabhujajyocyate | tasyāś[16] ca **kṛtiḥ**[17] | tayoḥ **saṃyogapadaṃ** karṇaḥ | bhūmadhyapāramārthikagrahayor[18] antaram[19] ity arthaḥ |

taduddhṛtā trijyā bhujaphalaguṇiteti | atra trairāśikavāsanā[20] | yadi sphuṭakarṇasyaitāvān[21] bhujo vyāsārdhasya ka iti[22] | kakṣāmaṇḍalapradeśe[23] grahaphalajyā bhavatīty arthaḥ | **āptasya dhanur** labdhasya cāpaṃ kāryam | tac chīghraphalaṃ[24] bhavati |

gaṇitenaivaṃ[25] **phalaṃ śīghre**[26] | phalaṃ[27] ⟨na⟩ kevalaṃ vāsanayābhidhīyate ▷yāvad gaṇitenaivoktam[28] evaṃ mayety[29] arthaḥ ||

P₁ p. 50

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[1] vataḥ S [2] kakṣyā° IV₁ [3] °sthite IV₁; for °ḍalād uparisthtaṃ: °ḍalaparisthite P₁S [4] °tīya I; dvitīye P₁ [5] kakṣyā° IV₁ [6] for praviṣṭam | ato: praviṣite IV₁; praviṣṭato P₁S [7] koṭin IV₁ [8] °yon IV₁ [9] nīcovṛtta° P₁S [10] dvibhṛtīyayo I; °yayo V₁P₁S [11] °sārdha IV₁ [12] koṭiḥ S [13] between ▷ and ◁: om. IV₁ [14] °phalaṃ kṛti° P₁S [15] °śabde P₁ corrected to °śabderṇa by DY [16] tasyaś IV₁ [17] kṛtes IV₁ [18] °madhyayāramarthika° P₁ [19] aṃtarat S [20] tre° S [21] °syaika iti P₁S [22] for ka iti: tāvat P₁S [23] kakṣyā° IV₁ [24] śīghraṃ IV₁ [25] gaṇitainaivaṃ P₁ [26] śīghram P₁ corrected to śīghre by DY [27] om. IV₁ [28] yāvac cihnitenaivoktam P₁ [29] mayā ity IV₁

nanu ca[1] yaiva śīghrakarmaṇi[2] vāsanā saiva[3] mandakarmaṇi tat kim ucyate◁[4] **gaṇitenaivaṃ phalaṃ śīghra**[5] iti | manda- IV$_1$ 25v
karmaṇy[6] api sphuṭakarṇena phalānayanaṃ yuktaṃ na[7] cātrācār- S p. 1633
yeṇoktam | etadāśaṅkyaparihārārtham[8] āryām āha ||

trijyābhaktaḥ karṇaḥ
paridhiguṇo bāhukoṭiguṇakāraḥ |
asakṛn[9] **māṇde**[10] **tatphalam**[11]
ādyasamaṃ[12] **nātra karṇo 'smāt**[13] || **XXI, 29**

trijyābhaktaḥ ko 'sau **karṇa** iti | kimbhūta ity āha **paridhiguṇaḥ** | kiṃ bhavati **bāhukoṭiguṇakāraḥ**[14] | mandapratimaṇḍalapradeśe sphuṭaparidhir[15] bhavatīy arthaḥ | **asakṛn māṇde**[16] mandakarmaṇi | **tatphalam ādyasamaṃ** madhyaparidhikṛtaphalatulyam |

atra trairāśikadvaye[17] | yadi vyāsārdhamaṇḍalasyāyaṃ[18] mandaparidhiḥ sphuṭakarṇamaṇḍalasya ka iti | tato labdhaṃ[19] sphuṭaparidhiḥ | tena phalam ānīyate[20] | tato dvitīyam | yadi sphuṭakarṇapradeśe etāvat phalaṃ kakṣāmaṇḍalapradeśe[21] kiyad iti | atra prathamatrairāśike vyāsārdho[22] bhāgahāro dvitīye[23] guṇakāraḥ | sphuṭakarṇo 'pi prathame guṇakāro dvitīye bhāgahāraḥ[24] | evaṃ sarveṣv[25] eva[26] naṣṭeṣu madhyamaparidhir[27] eva guṇakāro bhujakoṭijyayoḥ[28] sthita iti | **asmāt** kāraṇān mandakarmaṇi **karṇo**[29] mayā na kṛta iti |

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[1] om. P$_1$S [2] vaśīghrakarmmāṇiḥ P$_1$ corrected to vaśīdhrukarmmāṇiḥ by DY; śīghraṃ karmaṇi S [3] caiva IV$_1$ [4] between ▷ and ◁: repeated IV$_1$ [5] °ghre P$_1$S [6] °karmāṇy S [7] om. S [8] aśaṃ···(following part till āha illegible) I; aśaṃkyaparahārārtham V$_1$ [9] asatkan IV$_1$ [10] maṃde IV$_1$ [11] taphalam IV$_1$ [12] ātyasamaṃ I; ā···samaṃ (illegible) V$_1$ [13] smat IV$_1$ [14] °kāra S [15] sphuṭā paridhir IV$_1$ [16] maṃde IV$_1$ [17] °śikaye P$_1$ [18] maṇḍalasyāyaṃ om. P$_1$; °ḍalasyārdha S [19] dhaṃ P$_1$ corrected to labdhaṃ by DY; laghuṃ S [20] ānīya P$_1$S [21] kakṣyā° IV$_1$ [22] °dha P$_1$; °dhaṃ S [23] °ya P$_1$ [24] bhāgāhāraḥ P$_1$ [25] °ṣu P$_1$ [26] ca P$_1$ [27] madhyaparidhir P$_1$ corrected to madhyaparidher by DY [28] °jyayāḥ V$_1$; °jyayo P$_1$ [29] karṇena, na elased V$_1$

tad yathā | uktavat kakṣāmaṇḍalamandapratimaṇḍalaśīghra- IV_1 26r
pratimaṇḍalānāṃ[1] vinyāsaṃ[2] kṛtvā tato nīcoccavṛtte[3] sve sthāne[4]
kakṣāmaṇḍale[5] ca vinyasya grahasphuṭīkaraṇavāsanā[6] pradarśyā[7] P_1 p. 51
| meṣāder ārabhya yatra rāśau bhāge[8] liptāyāṃ graho vartate
tatra cihnaṃ kāryam | tato mandoccapradeśān mandanīcoccavṛ-
tta⟨ṃ⟩[9] grahābhimukhaṃ[10] nayet | tathā ca nayed yathā tad-
vṛttamadhyaṃ[11] kakṣāmaṇḍalaparidhim[12] amuṃ[13] gatvā[14] graha-
cihnitapradeśe tiṣṭhati[15] | tatrasthitasya nīcoccavṛttasya[16] tad-
upari kendrarekhā | tatparidheḥ[17] pratimaṇḍalaparidheś[18] ca pū-
rveṇoccād[19] yatra sampātas tatra mandaphalasphuṭagrahaḥ[20] |
tatra ca tulyā eva rāsibhāgādayo[21] bhavanti nīcoccavṛttaparidhi-
pratimaṇḍalayoḥ[22] | pratilomānulomakṛto[23] viśeṣaḥ | tāvad eva
grahoccāntaraṃ[24] pratimaṇḍale[25] kendraṃ bhavati |

tata ādye pade bhuktasya[26] bhujajyā bhogyasya koṭijyā
yataḥ pratimaṇḍaloccāpekṣayā[27] sarvadaiva dakṣiṇottarā bhuja-
jyā prācyaparā koṭijyā bhavati chedyake[28] | dvitīye[29] ca[30] pade[31]
viparītam[32] | prathamavat[33] tṛtīye | dvitīyavac[34] caturthe yato
'rdhacakrāc ca[35] śeṣabhāgānāṃ bhujajyā bhavati dvitīyacatur-
thayoḥ |

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[1] kakṣyā° I; kakṣyāmaṃḍalala° V_1 [2] vināsaṃ P_1S [3] °vṛttes IV_1; °kṛte | P_1 [4] nāsthāne V_1; sve sve sthāne P_1S [5] kakṣyā° IV_1 [6] gṛha° P_1 [7] °śya S [8] bhāgo P_1 corrected to bhāge by DY [9] °tta IV_1P_1S [10] °grahobhi° IV_1; °grāhābhi° P_1 [11] tac ca kṛttamadhye P_1 corrected to tacvṛttamadnyaṃ by DY [12] kakṣyā° IV_1 [13] amuvat IV_1 [14] gatvā P_1 corrected to ca kṛtvā by DY [15] tiṣṭhatiṣṭhati I; tiṣṭatiṣṭati V_1; śati P_1; ti S [16] nīcovṛttasya P_1; °vṛttasta S [17] tasvatparidhiś P_1 corrected to tattatparidhiś by DY; tasyat-paridhiś S [18] om. P_1S [19] pūrveṇa uccad IV_1 [20] °sphuṭo grahas P_1S [21] °bhaganādayo S [22] °paridheḥ prati° IV_1; nīccoccavṛta° P_1 [23] °lomokṛto S [24] °aṃtarai IV_1 [25] °lo P_1 [26] bhuktyasya IV_1 [27] °ḍalocāpe° P_1 [28] °ko P_1S [29] °tīya S [30] ca comes before dvitīye IV_1 [31] pade ca P_1S [32] °rīta P_1 corrected to °rītaṃ by DY [33] prathamaṃ IV_1; prathamavat P_1, vat crossed out by DY; [34] dvitīya om. IV_1; vac om. P_1S [35] for ca: ca (krāc ca) P_1; cakrāc ca S

evaṃ pratimaṇḍalabhujakoṭijye[1] niṣpanne trairāśikena[2] nīcoccavṛtte[3] ᵇpariṇāmyete | yadi ṣaṣṭiśatatrayaparidheḥ te bhujakoṭi- IV$_1$ 26v
jye[4] tad[5] iṣṭabhāgapramāṇamandanīcoccavṛtte◁[6] kiyatyāv[7] iti | pṛthag bhujakoṭiphale bhavato iṣṭavṛtta ity arthaḥ | evaṃ sthite *koṭiphalayutā trijyā*[8] *padayor*[a] ityādinā sphuṭakarṇaḥ prāptaḥ |

tena ca śīghrakarmavat phalānayane prāpte bhujaphalam evā- P$_1$ p. 52
cāryeṇa[9] grahaphalam[10] abhihitam[11][b] | taddoṣaparihārāyeyam[12] āryācāryeṇa[13] praṇītā[14] | yataḥ pratimaṇḍalānusāreṇa yaḥ[15] paridhis tena pratimaṇḍalabhujajyā guṇayituṃ[16] yujyate sa ca paridhir asakṛt sphuṭakarṇatrairāśikena pariṇamati | tatkṛtaṃ phalaṃ ca punas[17] trairāśikena[18] vyāsārdhena pariṇamati[19] | ataḥ[20] kakṣāmaṇḍalaparidhinaiva[21] yad bhujaphalacāpaṃ tad eva grahamandaphalaṃ bhavati |

mandasphuṭāv eva[22] candrārkau pāramārthikau dṛksamau[23] bhavataḥ[24] | bhaumādīnāṃ punar mandasphuṭagrahaśabdena[25] nīcoccavṛttamadhyam ucyate | anyathā sthānadvaye grahasambhava eva tulyakālaṃ[26] syāt | S p. 1634

[a] BSS II, 14b,d [b] see BSS II, 17/23

[1] °jyā IV$_1$; °bhujā° P$_1$S [2] trerāśi° I; °kena P$_1$, na crossed out by DY [3] °vṛttena P$_1$S [4] bhujākoṭijyo IV$_1$ [5] tid V$_1$ [6] om. between ▷ and ◁ P$_1$S [7] kiyaṃtyāv IV$_1$; kiyatyav P$_1$ [8] nṛjyā° IV$_1$ [9] eva cāryeṇa P$_1$ [10] graham IV$_1$ [11] °hite IV$_1$ [12] °hārayeyam IV$_1$; °hārā ye S [13] āryacāryeṇa IV$_1$; aryācāryeṇa P$_1$; mayācāryaṇa S [14] prabhaṇītā IV$_1$ [15] vaḥ IV$_1$; om. P$_1$S [16] °guṇitaṃ P$_1$; guṇāyitaṃ S [17] punaras P$_1$ [18] °rāsikena P$_1$ [19] °ṇamity IV$_1$ [20] arthataḥ IV$_1$ [21] kakṣyā° IV$_1$ [22] for °ṭāv eva: °ṭārdhava P$_1$ corrected to °ṭārdheva by DY; °ṭārdha eva S [23] °samo IV$_1$ [24] bhavati IV$_1$ [25] graha om. IV$_1$ [26] tu kālaṃ IV$_1$

evaṃ mandakarmaṇi[1] sarvagrahāṇām[2] | tataḥ[3] svasthānāc[4] chīghranīcoccavṛttaṃ[5] pratilomaṃ[6] kakṣāmaṇḍalaparidhim[7] amuṃ[8] ca tanmadhyaṃ[9] yathā[10] gacchati tathānīya kakṣāmaṇḍale[11] mandaphalasiddhe pradeṣe tanmadhyaṃ nidadhyāt | evaṃ sthite śīghranīcoccavṛtte[12] sarvaṃ[13] pradarśayet | tathāsthitasya śīghranīcoccavṛttasya yatra[14] pratimaṇḍalena[15] saha sampātaḥ[16] svoccapradeśād[17] aparato nīcoccavṛttoccāc[18] ca pūrvatas tatra grahaḥ pāramārthikaḥ[19] | yataḥ pratimaṇḍale[20] ▷graho[21] bhramati sphuṭagatyuttara ācāryeṇaivoktaṃ[22] *pratimaṇḍalasya*◁[23] *paridhau madhyamabhuktyā*[24] *sphuṭagraho bhramatī*ti[a] tataḥ pratimaṇḍalabhujakoṭijye[25] kṛtvā ▼ trairāśikena nīcoccavṛtte pariṇamya[26] tataḥ[27] *koṭiphalayutā trijye*ti[28b] vāsanayā sphuṭakarṇam ānīyoktavad[29] grahaphalaṃ[30] kāryaṃ kakṣāmaṇḍale[31] | evaṃ kṛte dṛksamo[32] graho bhavati | IV$_1$ 27r P$_1$ p. 53

[a] BSS XIV, 11ab [b] BSS II, 14b

[1] °karmāṇi P$_1$S [2] °grahaṇaṃ P$_1$ [3] tatas IV$_1$ [4] °thānā IV$_1$P$_1$ [5] °ghranāṃ cocca° I [6] °loma S [7] kakṣya° I; kakṣyā° V$_1$; kakṣā om. P$_1$ [8] amu IV$_1$; °paridhim amuṃ P$_1$ corrected to °paridhisamaṃ by DY [9] for ca tan°: catur° P$_1$; catu S [10] ya IV$_1$ [11] kakṣyā° IV$_1$ [12] °nīcoca° P$_1$ [13] sarve P$_1$ corrected to sarvaṃ by DY; om. S [14] rātra IV$_1$ [15] pari° S [16] °pātaḥs IV$_1$; saṃtāpaḥ S [17] tac ca pra° IV$_1$; svocapra° P$_1$ [18] °vṛttāc P$_1$S [19] paramā° IV$_1$ [20] pramaṇḍale IV$_1$ [21] graha IV$_1$ [22] ācāryaṇoktaṃ P$_1$ [23] between ▷ and ◁ is inserted wrongly at ▼ S [24] °bhuktyāṃ IV$_1$; °bhukta P$_1$S [25] °maṃḍalābhujyakoṭijyā IV$_1$; °koṭiḥ jye P$_1$ [26] °ṇamayya IV$_1$S [27] tatat I; tattat V$_1$ [28] trijyādi IV$_1$ [29] °yokṛtavad P$_1$ corrected to °yoktavad by DY [30] ahaphalaṃ P$_1$ [31] karttāmaṃḍale IV$_1$ [32] dṛktamo P$_1$S

kṣayadhanopapatteś[1] ca ▷raver mandoccanīcavṛttaśalākayā◁[2] kakṣāmaṇḍale[3] yaḥ pradeśaḥ[4] spṛṣṭas[5] tatra madhyamo grahaḥ[6] | tadvṛttena[7] ca pratimaṇḍalaparidhir[8] yatra spṛṣṭas[9] tatra pāramārthiko ravir yato[10] mandapratimaṇḍaloccarekhayā[11] yatra pradeśe kakṣāmaṇḍalaṃ[12] spṛṣṭaṃ[13] tasmād ārabhya[14] nīcoccavṛttaśalākāspṛṣṭadeśaṃ[15] yāvad[16]yāvanto bhāgādayas[17] tāvanta eva pratimaṇḍaloccapradeśāt[18] tatparidhinīcoccavṛttaparidhisam- IV$_1$ 27v
pātaṃ[19] yāvat | ataḥ sphuṭagrahād yat sūtraṃ[20] bhūmadhyaprāpi[21] prasāryate tan madhyagrahāt prathame pade paścimena[22] yāti | tatrasthaṃ raviṃ[23] bhūstho draṣṭā[24] paśyati | ataḥ prathame pratimaṇḍalakendrapade[25] tadantaraṃ viśodhyate[26] yatas tatropari pratimaṇḍalaṃ[27] kakṣāmaṇḍalāt[28] | tṛtīye tu viparītaṃ kakṣāmaṇḍalasyoparisthitatvāt[29] | dvitīye ca vāsanā prathamavad ardhacakrād viśodhya yato[30] bhujakoṭijye | caturthapade[31] tṛtīyavac cakrārdhaśeṣasya[32] yato bhujakoṭijye[33] |

evaṃ candrasyāpi yathopadiṣṭair[34] vṛttaiḥ sarvaṃ[35] pradarśayet[36] |

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[1] °dhatopa° P_1 [2] between ▷ and ◁: ravīndvoccanīcavṛttaśalākāyā I; ravīndoccanīcavṛttaśalākāyā V_1; raver madoccanīcoccavṛttaśalākayā P_1; kher maṃdoccanīcoccavṛttaśalākayā S [3] kakṣyā° IV_1 [4] °deśa IV_1S [5] spaṣṭas P_1S [6] graha P_1 [7] °vṛttane P_1 [8] °dhi P_1; °dhiḥ S [9] spaṣṭaḥ P_1S [10] yatto V_1 [11] after this is inserted: pratimaṇḍale IV_1 [12] kakṣyā° IV_1 [13] spaṣṭaṃ P_1 corrected to spṛṣṭaṃ by DY; spaṣṭaṃ S [14] ārabhyaḥ P_1 [15] °spaṣṭa° P_1 corrected to °spṛṣṭa°by DY; °spaṣṭa° S [16] om. IV_1 [17] °gādyaḥ s P_1 corrected to °gādyas by DY [18] °ḍaloś ca pradeśān IV_1 [19] °nīcoccovṛtta° S [20] śūtraṃ P_1 [21] °madhyaṃ prati P_1; °madhyān prati S [22] paścamena P_1 [23] ravīndvoḥ S [24] draṣṭa I; iṣṭa V_1 [25] °maṃḍakendrapade I; °maṃḍale kendrapadaṃ P_1S [26] °dhya S [27] °ḍala P_1S [28] kakṣyā° IV_1 [29] kakṣyā° IV_1 [30] viśodhyato P_1 [31] caturthapade 'thapade P_1 [32] °rdhā° S [33] °jyāe(?) I; °jyā V_1 [34] °opadiptai IV_1; °opadṛṣṭair S [35] sarva P_1 [36] pradaśayet P_1

▷bhaumādīnāṃ punar mandakarmaṇā[1] yaḥ[2] pradeśaḥ siddho bhavati kakṣāmaṇḍale[3] tatra[4] śīghranīcoccavṛttamadhyaṃ◁[5][6] P₁ p. 54
kṛtvā śeṣaṃ pradarśayet | ▼ tatra prathame pratimaṇḍalapade dhanaṃ bhavati pratimaṇḍaloccatvaṃ[7] yataḥ puratas[8] tiṣṭhati | ataḥ[9] śeṣapadeṣv api[10] vaiparītyaṃ yojyam |

mandavāsanā[11] tu mandakarmaṇi[12] yuktyā[13] kevalam ucyate | evaṃ tattvato[14] gaṇite tu kakṣāmaṇḍalāśrayam[15] eva kendraṃ[16] tatra ca rāśitraye paramaphalam āgacchati | yuktyā[17] ca nopapadyate śīghraphale[18] 'tulyavāsanatvāt[19] | svalpāntaratvāt tu[20] tathā[21] kṛtam ity uktam | IV₁ 28r

śīghraphalaṃ[22] tu kakṣāmaṇḍalapade[23] vyavasthāpitam[24] ṛṇadhanarūpaṃ[25] pratimaṇḍalapade[26] prāptaṃ[27] yāvat svata[28] eva vardhate 'tulyāntaratvāt[29] | pratimaṇḍalabhujakoṭijye[30] darśite yathā nyastavṛtteṣu sarvaṃ[31] dṛśyamānaṃ[32] svayam evāvagamyate |

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[1] mada° P₁ [2] ya P₁ [3] kakṣyā° IV₁ [4] tac ca IV₁ [5] śaśīnīco°madhya IV₁ [6] between ▷ and ◁ is repeated at ▼ P₁ but crossed out by DY [7] °ḍaleccatva IV₁ [8] puratās P₁ [9] svataḥ IV₁ [10] for °padeṣv api: °padeṣṭapi P₁ [11] mada° P₁ corrected to maṃda° by DY [12] °karmaṇi P₁ corrected to °karmāṇi by DY; S=DY [13] yuktā P₁S [14] tatvato IV₁P₁ [15] kakṣyāsvayam IV₁; °āptayam P₁ corrected to °āśrayam by DY [16] kendraḥ P₁S [17] yuktā P₁S [18] °phala P₁S [19] °vāsatvāt P₁ corrected to °vāsanatvāt by DY [20] °taratvānu IV₁ [21] tathā na P₁S [22] °phale P₁S [23] kakṣyā°pada IV₁; °padaṃ P₁S [24] °sthayāpit I; °sthāyāpit V₁; °sthāpayita P₁S [25] °rupa IV₁; saṇadhanatūpa P₁ corrected to ṛṇadhanatūpaṃ by DY [26] °padaṃ IV₁P₁S [27] prāpta IV₁ [28] svataḥ S [29] tulyantara° IV₁; tu ābhyāntara° P₁; tābhyāṃtara° S [30] °jyā IV₁; °bhujyakoṭi° P₁ [31] sarva P₁S [32] darśamānaṃ (°māna S) P₁S

mandakarmaṇi[1] pratilomena[2] mandanīcoccavṛttaparidhiṃ[3] kendrabhagaṇabhogena[4] grahaḥ pūrayati | śīghrakarmaṇi[5] cānulomena[6] śīghranīcoccavṛttaparidhiṃ[7] kendrabhagaṇabhogenaiva[8] grahaḥ[9] pūrayati[10] | ataḥ[11] sarva[12] evodayāstamayavakrānuvakrādayaḥ[13] pradarśyāḥ[14] | yadā[15] ravisamasūtrastho[16] grahaḥ[17] [sthitas][18] tadā paramāstamayapradeśāt praveśanirgamau svakalāṃśair[19] yojyau | ardhacakrāntaritaś ca parame[20] vakre[21] graho yataḥ ~~śīghranīcoccavṛttaparidhāv~~ adhovartī[22] P$_1$ p. 55
bhavati svānulomyena[23] tatrāparagatir[24] iva lakṣyate[25] | prāg- S p. 1635
gativāsanāpi[26] tatra ghaṭata eva yataḥ[27] svagatitulyenādhvanā grahaḥ prāg gacchann upalabhyate[28] | tato 'pi svagater[29] yady ekadaivasikam ṛṇaphalaṃ[30] pratimaṇḍalagrahabhūmadhyaprāpisūtravaśāt[31] kakṣāmaṇḍale[32] mahad upalabhyate[33] tataḥ[34] IV$_1$ 28v
svabhukteḥ[35] pratimaṇḍalakakṣāmaṇḍaladṛgbhedasya[36] ca yad

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[1] °karmaṇi P$_1$ corrected to °karmāṇi by DY; S=DY [2] °lomyena IV$_1$; °lomana P$_1$ corrected to °lona by DY; °loma S [3] °paridhi P$_1$S [4] kendrabhāgabho° P$_1$, bhāga corrected to bhaktā by DY [5] °karmāṇi S [6] °lomyena IV$_1$ [7] śīghraṃ vṛtaparidhi P$_1$; °paridhiḥ S [8] keprabhāgaṇabhogena P$_1$ corrected to kemdrabhagaṇābhogena by DY [9] om. IV$_1$ [10] after this is inserted: śīghrakarmāṇi vānulomena (°lome naḥ P$_1$) śīghranīcoccavṛttaparidhikendrabhagaṇabhogena (nī om. S) grahaḥ pūrayaty P$_1$S [11] atas IV$_1$ [12] sarvaṃ S [13] °tamayacakrānuvakrādayaḥ P$_1$; °tamayacakrāt tu cakrādayaḥ S [14] °ya P$_1$ [15] padā IV$_1$ [16] raviḥ sama° IV$_1$; °sthe P$_1$ corrected to °stho by DY [17] graha IV$_1$ [18] sthitaḥs IV$_1$; sthitaḥ P$_1$S [19] svakālā° P$_1$ [20] parime IV$_1$ [21] va (kre om.) IV$_1$; vakre P$_1$ corrected to cakre by DY [22] °varttī IV$_1$; °vattī P$_1$ corrected to °varttīṃ by DY; for °paridhāv adhovartī: °paridhivādhovatī S [23] ānulomyenā P$_1$; ānulomyena S [24] tatrāparagaragatir V$_1$; tatra paragatir P$_1$; tatra prāggari[p. 1635]r S [25] °yato IV$_1$ [26] prādgatio o o o o ovāsanāpi IV$_1$; prāgāti° P$_1$ [27] yatas IV$_1$; yata S [28] upalakṣabhya I; upalabhya V$_1$ [29] °gate P$_1$ [30] °phala IV$_1$S [31] °prāpi° P$_1$ corrected to prāti° by DY; °prāpti° S [32] kakṣyā°ḍala IV$_1$ [33] upalakṣabhyate I [34] tadā IV$_1$ [35] svabhukṣeḥ IV$_1$ [36] °kakṣyā°dṛnbhedasya IV$_1$; °ḍalādabhedasya S

antaraṃ[1] sā tu vakrabhuktiḥ[2] | śīghranīcoccavṛtte[3] pradarśyaṃ[4] sarvam[5] | mandanīcoccavṛtte[6] punaḥ pratilomo graho bhramati | tatrādhovarty[7] api prāggatir[8] upalabhyate[9] | tato[10] ravicandrayor vakrābhāva iti | evaṃ svadhiyā nīcoccavṛttayor dhanarṇādikā(nāṃ)[11] vāsanā[12] yojyā[13] tatrasthagrahabhūmadhyaprāpisūtravaśāt[14] |

tatra ca yad uktaṃ[15] **trijyābhaktaḥ**[16] **karṇa** ityādi pratimaṇḍalakakṣāmaṇḍalayor[17] bhujaphalasya svalpāntara⟨tvāt⟩ pratipādanaparaṃ[18] mandakarmaṇi[19] | anyathā punaḥ[20] śīghrakarmaṇy[21] etad[22] eva syāt | na caivaṃ tatra[23] [kriyate][24] yadi kriyate[25] tad[26] bahubhāgāntaraṃ bhavati | ataḥ svalpāntaratvāt[27] karṇo[28] mandakarmaṇi na kārya iti ||

nanu[29] caika eva grahaḥ | ka ete mandoccaśīghroccapātā[30] | yadi pāramārthikāḥ[31] tat kathaṃ grahavan nopalabhyate[32] | asatyāś[33] cet[34] kā[35] yuktikalpanā[36] teṣām ity atra parihāram āha ||

pratipādanārtham uccaṃ
prakalpitaṃ grahagates tathā pātaḥ[37] | P₁ p. 56
bhukter[38] **ūnādhikatā**
mānasya ca[39] **bhavati karṇavaśāt**[40] || **XXI, 30**

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[1] for ca yad antaraṃ: padāntaraṃ P_1; yadāṃtaraṃ S [2] °bhukti P_1S [3] °kṛte P_1 corrected to °vṛte by DY; °vṛtteḥ S [4] pradarśām P_1 [5] sarva P_1S [6] °coccya° P_1; °vṛtteḥ S [7] for varty: vany IV_1; bhavaṃty P_1, bha crossed out by DY [8] gatir IV_1; prāgati P_1 [9] kapabhyate P_1 [10] to IV_1 [11] dhanabhāgādikā IV_1; dhavarṇādikā P_1; °ādikā S [12] vyāsanā P_1 [13] yojyojyā P_1 [14] grahabhūbhyadhyaptāvisūtravaśyāt P_1, stha interted between graha and bhū by DY; °prāptisūtravaśyāt S [15] yad ucyaṃ IV_1 [16] °bhakta IV_1 [17] °kakṣyā° IV_1 [18] stalpā°para (paraṃ V_1) IV_1 [19] °karmāṇi P_1S [20] punaḥ punaḥ S [21] °karmāṇy S [22] om. IV_1 [23] tan na IV_1 [24] kṛyate P_1 [25] kriyate P_1 corrected to kriyeta by DY [26] tad P_1 corrected to tadā by DY [27] °taraṃ P_1 corrected to °tara by DY; S=DY [28] kāraṇo P_1; tatkarṇo S [29] na tu S [30] °pātāḥ P_1S [31] paramārthikā P_1; paramādhikā S [32] nopabhyate S [33] asatyañ S [34] for asatyāś cet: asaryastet IV_1 [35] ka P_1 [36] bhukti° IV_1P_1S [37] pātā IV_1P_1 [38] bhukte IV_1 [39] om. P_1S [40] °vasāt IV_1

pratipādanārtham uccaṃ[1] **prakalpitaṃ**[2] **grahagateḥ**[3] | śiṣyāṇāṃ pāramārthikagrahagatyavagataye[4] nīcoccādikā⟨nāṃ⟩ kalpanā yatas tadvaśāt[5] ▷pūrvāparagatir draṣṭuṃ siddhā[6] bhavati IV$_1$ 29r | **tathā pāta** iti pratipādanārtham eva pātaḥ prakalpito[7] yadvaśād◁[8] dakṣiṇottarā gatiḥ[9] siddhā[10] bhavati | ataḥ paramārthatayā[11] graha[12] eva kevala ity arthaḥ |

katham cet kalpata ity āha **bhukter**[13] **ūnādhikatā**[14] **mānasya ca bhavati karṇavaśāt** | ayam abhiprāyaḥ | abhīṣṭadine 'bhīṣṭakāle yaṣṭyādiyantreṇa[15] grahaṃ vidhāya[16] dvitīyadine tāvaty eva kāle vidhyet[17] | tatrāntaram[18] ākalayya[19] tatparidhinā[20] sphuṭabhuktiṃ kalpayet | madhyabhkutiś ca svabhagaṇabhogārkasāvanadinair[21] bhaparidhiṃ khakhaṣaḍghanasaṃkhyaṃ[22] vibhajya bhavati | tato yadi svamadhyagate⟨r⟩[23] ūnā[24] taddaivasikī[25] bhuktiḥ tadā kakṣāmaṇḍalād[26] upari grahaḥ | adhikā[27] cet tadādhaḥ[28] | ravicandrayoḥ karṇaś ca grahabhūmadhyāntaraṃ[29] yatas tadvaśād avagamyate | evaṃ paramālpatāṃ bhukteḥ paramādhikatāṃ[30] ca[31] lakṣayed bhagaṇabhogaṃ yāvat | ▷bhagaṇabhogaś ca madhyagatyaiva[32] bhavati | ato

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[1] ukhyaṃ P$_1$ [2] traphalpitaṃ P$_1$ corrected to trakalpitaṃ by DY [3] °gate P$_1$ [4] °avagrataye I; °ārthigṛha° P$_1$ [5] vad° P$_1$ corrected to tad° by DY [6] siddhaṃ P$_1$ corrected to siddhā by DY [7] °kalpato P$_1$S [8] between ▷ and ◁: om. IV$_1$ [9] gatis IV$_1$ [10] siddhi | P$_1$ corrected to siddhā by DY [11] pāramā° P$_1$ [12] grahaṇa P$_1$S [13] bhukte IV$_1$ [14] nyūnā° corrected to ūnā° P$_1$ [15] yadi yantreṇa P$_1$, yadi corrected to yady ādi by DY; S=DY [16] vidhvā IV$_1$; viddhā P$_1$; vidyāt S [17] viddhayāt P$_1$; vidyāt S [18] °tare IV$_1$ [19] ākalpayya IV$_1$; āṃkalpayata P$_1$ corrected to āṃkalpata by DY [20] for ākalpayya tatparidhinā: sakalayotparidhinā IV$_1$ [21] °sāvanādinair P$_1$ [22] °ṣaṭkanasaṃ° P$_1$S [23] °gate IV$_1$P$_1$S [24] ṛṇāt P$_1$S [25] tadaivasikī P$_1$S [26] kakṣyā°ḍalad IV$_1$ [27] adhikaś IV$_1$ [28] tadadho P$_1$S [29] graha om. IV$_1$ [30] °dhikāṃtāṃ IV$_1$; paramadhivatāṃ S [31] va S [32] between ▷ and ◁: bhagaṇabhogaś ca gaty eva P$_1$, °ś ca crossed out by DY; gaṇabhogagatyaiva S

'vagamyate[1] yady api bhuktibhedāt kakṣāmaṇḍale na grahaḥ tathāpi tattulye[2] maṇḍale graho bhramati[3] bhagaṇabhogayos tulyatvāt | mandakarṇaś[4] cātyalpabhuktāv atimahān atibṛhadbhuktāv P_1 p. 57
atyalpaḥ[5] | paramamandakarṇavyāsārdhāntaraṃ[6] paramaphalam[7] IV_1 29v
| tan[8] mandanīcoccavṛttavyāsārdham | tadvaśād ardhāntare[9] phalabhedaḥ[10] | tata[11] uccakalpanā[12] yujyate ravicandrayoḥ |

kujādīnāṃ punaḥ sphuṭamadhyabhuktyor[13] antaraṃ mandaśīghrakarṇavaśād bhidyate[14] | tatra mandakarṇena ravivad[15] antarakalpanā | sā cālpā[16] | śīghrakarṇavaśān[17] mahaty antarakalpanā | sā ca vaiparītyena[18] yojyā | atas[19] tatra śīghroccamandasphuṭagrahayor antaraṃ[20] sādhyaṃ kakṣāmaṇḍale[21] | tac ca mahati[22] karṇe svalpaṃ bhavati | alpe ca mahat | ato madhyabhukter[23] apy adhi- S p. 1636
kaṃ[24] tatrāntaraṃ bhavati yasmād vakrādya upalabhyata[25] ityādi svadhiyā yojyam |

tatphalotpattivaśāc[26] ca kendrabhuktir upalabhyate | sā[27] grahabhuktau saṃyojyā[28] śīghroccabhuktir bhavati | mandakendrabhuktigrahabhuktyor[29] antaraṃ mandoccabhuktiḥ | na ca śīghramandoccanīce[30] vastubhūte[31] ity arthaḥ |

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[1] for ato ava°: etāva° P_1 corrected to atau va° by DY [2] tatra tulye P_1 [3] bhavati P_1S [4] matkarṇaś IV_1 [5] anyalpaḥ IV_1 [6] paramaṃda° P_1S [7] °phalaś P_1; °phalataś S [8] tach IV_1; ca P_1S [9] ardhatare P_1 [10] °bhedo IV_1 [11] ta IV_1 [12] uccakulpanā P_1 [13] °madhyabhukter P_1 corrected to °madhyayo bhukter by DY; °bhuktor S [14] ridyate V_1 [15] ravivaṃd P_1 [16] vālpā IV_1; valpā P_1; vādhya S [17] °vaśat I; °vaśāt V_1 [18] vaiparityena V_1 [19] s (ata om.) IV_1 [20] aṃtairaṃ S [21] kakṣyā° IV_1 [22] mahatī P_1 [23] °bhuktor IV_1 [24] for apy adhikaṃ: athādhikaṃ P_1S [25] °labhyanta P_1S [26] °lotpivaśāc V_1; tatkalo° S [27] to IV_1; tāṃ P_1S [28] °jya IV_1P_1S [29] mandakeṃdre bhuktir P_1 corrected to mandakeṃdragrahabhuktyor by DY [30] °nīco V_1 [31] vasubhūta IV_1; °bhūta P_1S

evaṃ paramavikṣepādyante[1] dakṣiṇottarayor vimaṇḍalasiddhiḥ | tataḥ paramavikṣepasyānyatrānyadṛṣṭatvāt[2] pātagateḥ[3] kalpanā |

yathā karṇavaśād bhuktikalpanā evaṃ[4] mānavaśād api tulyā | evam atrāpy uccādikalpanā yuktā vāsanātulyatvāt[5] |

mandaśīghrakarṇayor api na kevalam uccādayaḥ kalpitā yāvad bhapañjarabhramaṇaṃ kalpitam eva naḥ pratibhāti[6] grahasya IV$_1$ 30r yugapad gatidvayāsambhavāt | yadā tu punar[7] bhuva āvartanaṃ P$_1$ p. 58 kalpyate[8] tadā bhapañjare sthite 'pi pratidaivasikāv udayāstamayau sambhavataḥ[9] | grahāś cāpamaṇḍalavimaṇḍalagatayaḥ prāggatayaḥ[10] | evaṃ vimaṇḍalavaśād dakṣiṇottarāpi gatiḥ siddhā bhavati | bhūś[11] cāvartyāvartyāhorātreṇa[12] kṣitije raviṇā[13] saha yujyate | grahaś cāgrato 'grato yāti | vakrādivāsanā tulyaiva |

ācāryāryabhaṭenāpi[14] bhūbhramaṇam abhyupagataṃ[15] yato[16] daśagītikāsūktaṃ[17] *prāṇenaiti*[18] *kalāṃ*[19] *bhūr*[a] iti | tathāryāṣṭaśate[20] |

anulomagatir[21] nausthaḥ[22]
paśyaty acalaṃ vilomagaṃ yadvat |
acalāni bhāni[23] tadvat
samapaścimagāni[24] laṅkāyām ||[b]

iti |

[a] ABh I, 4c [b] ABh IV, 9

[1] paraṃ vikṣepā° P$_1$ [2] °syātyātrānyattadṛṣṭatvāt IV$_1$; °tvīt S [3] °gatet I; yātagate S [4] eva S [5] vasānā° P$_1$ [6] prabhāti IV$_1$ [7] puna P$_1$ corrected to punar by DY [8] kalpate P$_1$S [9] saṃbhavetāṃ S [10] prāgagataya P$_1$; praṇagataya S [11] bhūyaś P$_1$S [12] cāpāvartyā° IV$_1$; cāvarttāvarttayaho° P$_1$; cāvarttāvarttyaho° S [13] for kṣitije raviṇā: kṣitijer api rasā P$_1$ [14] cāryabhaṭena IV$_1$ [15] abhūpagatama P$_1$ [16] yato repeated P$_1$ [17] °kāsūtraṃ V$_1$ [18] prāyeṇene I; prāṇeneti V$_1$; prāṇena (eti om.) P$_1$S [19] kalāṃ kalā P$_1$, the latter kalā crossed out by DY [20] tadārhyā° P$_1$ [21] atilo···gatir I [22] naistha P$_1$S [23] acalājināni P$_1$ corrected to acalāni bhāni by DY [24] samapārśvabhagāni P$_1$

lokabhayād bhāskarādibhir anyathā[1] bhakteyam[2] āryā[3] vyākhyātā[4] | na cātra tattvam[5] avagantuṃ śakyate 'smadādibhiḥ | kiṃ tu svābhiprāyo[6] liṅgenākṛta ity[7] evaṃ sphuṭagativāsanā[8] deśataḥ[9] pradarśitā[10] | tatraiva pratyāryāsūtraṃ[11] pradarśayiṣyāma[12] ||

iti sphuṭagativāsanā ||

[1] °tho V_1; °thā P_1 corrected to °tha by DY [2] bhaṃkteyam I; bhaṃm(?) V_1; bhaktā iyam P_1; matvā iyam S [3] aryā P_1 [4] °khyātaḥ I [5] tatvam IV_1P_1 [6] °prāyo P_1 corrected to °prayo by DY [7] for liṅgenākṛta ity: liṅganākṛtety IV_1P_1S [8] °vāsano IV_1; °vāsane P_1; °basane S [9] dviśataḥ P_1S [10] pradiśyatā P_1; pradiśatā S [11] °āryamūtre I; āryamatre V_1 [12] pradarśyāma P_1 corrected to pradarśaṣyāma by DY

XXI, 31–48

idānīṃ[1] ravicandragrahaṇayor[2] vāsanā pradarśyate | tatra mānā- IV$_1$ 30r l. 8;
nayane[3] yojanakarṇābhyāṃ prayojanaṃ tatprasaṅgena sarvagrahā- P$_1$ p. 58 l. -8;
ṇāṃ[4] yojanakarṇānayanam[5] āha || S p. 1636 l. -13

kakṣā[6] vyāsārdhaguṇā[7]
maṇḍalaliptāvibhājitā[8] karṇaḥ | XXI, 31ab

kakṣeti[9] jātyapekṣayaikavacanam[10] | **vyāsārdha**grahaṇe- IV$_1$ 30v
na[11] bhagaṇakalāvyāsārdhaṃ[12] gṛhyate nakhamuniradāḥ[13] yata
ukto[14] yojanakarṇapramāṇārthaṃ bhagaṇakalākarṇaḥ[15] | tenēṣṭa-
graha**kakṣā[16] vyāsārdhena[17] guṇā[18]** | **maṇḍalaliptā** bhagaṇa-
kalāḥ[19] | tābhir **vibhājitā** | kiṃ bhavati **karṇaḥ** | bhūmadh- P$_1$ p. 59
yatatkakṣāmaṇḍalāntare[20] yojanātmakaṃ vyāsārdhaṃ[21] bhavatīty
arthaḥ |

atra trairāśikam | yadi bhagaṇakalātulye pariṇāhe[22] rasacandra-
kṛtaguṇatulyaṃ[23] vyāsārdhaṃ tad iṣṭagrahakakṣātulye kiṃ bhavi-
ṣyatīti[24] | phalaṃ yojanakarṇaḥ[25] | evaṃ[26] sarveṣāṃ kakṣākarṇā-
nayanam[27] | mayā siddhā eva yojanakarṇā[28] likhyante[29] ślokadva-
yena[30] | tad yathā |

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[1] after this is inserted: yaṃ IV$_1$ [2] ravicaṃdrayor grahaṇa (gṛhaṇa I) IV$_1$ [3] mānayane P$_1$S [4] °grahaṇaṃ IV$_1$ [5] °karṇanayanam IV$_1$; °karṇāyanam P$_1$S [6] kakṣyā IV$_1$ [7] °guṇa IV$_1$ [8] maṃḍaleptāvibhājita IV$_1$; maṃḍalā liptā° P$_1$S [9] kakṣyeti IV$_1$ [10] °aikacanaṃ V$_1$ [11] for °grahaṇena: °haṇonāpi I; °guṇanāpi V$_1$ [12] °sārdha P$_1$S [13] nākha° IV$_1$ [14] uktaṃ IV$_1$P$_1$S [15] bhagalakalākarṇa I; °karṇa V$_1$; °karṇā P$_1$ [16] °kakṣyā° IV$_1$ [17] °ārddhena P$_1$ [18] guṇa IV$_1$P$_1$S [19] bha om. P$_1$S [20] °kakṣyā° IV$_1$; bhūmadhyaṃ tat° P$_1$S [21] °dha P$_1$ [22] °ṇāho IV$_1$ [23] °kṛtatulyaṃ (guṇa om.) V$_1$S [24] bhavatīti P$_1$ corrected to bhavaṣyatīti by DY [25] °karṇaṃ P$_1$ [26] om. P$_1$S [27] kakṣyā° IV$_1$ [28] °karṇa IV$_1$S; karṇaṃ P$_1$ [29] likhyate P$_1$ corrected to likhāṃte by DY; S=DY [30] karṇadvayena S

aṣṭendukheṣuvasuṣaṭkamito[1] 'rkakarṇaś[2]
cāndraḥ[3] khavedayamacandraśaraiś ca kaujaḥ |
śūnyadvivedavasuvasvinatulyasaṃkhyo[4]
baudhas[5] tu netravasurandhrakṛtāṣṭisaṃkhyaḥ[6] ||
rāmāgnimaṅgalakṛtārkavasuprasaṃkhyo[7]
jaivaḥ[8] sitasya rasakhābdhiśaśidvivedāḥ[9] |
aśvyaṣṭabāṇakhanavendukhanetrasaṃkhyaḥ[10] S p. 1637
sauro raver[11] vinihataḥ[12] kharasais tu bhānām[13] ||

ete yojanakarṇā[14] madhyamā grahanakṣatrāṇām iti ||

idānīṃ[15] yojanakarṇānāṃ sphuṭīkaraṇārthaṃ[16] dvitīyam āryārdham[17] āha ||

svakalākarṇena[18] guṇaḥ
karṇas[19] trijyāhṛtaḥ[20] spaṣṭaḥ || XXI, 31cd

svaś cāsau[21] kalākarṇaḥ **svakalākarṇaḥ** | tena[22] **guṇaḥ** | ko 'sau **karṇaḥ** | anantaraprakrānto[23][24] madhyamayojanakarṇa[25] ity IV_1 31r arthaḥ |

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[1] arkeṣukheṣu°nito IV_1; arkeṣukheṣu° P_1S [2] 'rkaḥ karṇaḥ S [3] cāndrā IV_1; candraḥ P_1; candra S [4] °vedavasuinatulya° IV_1 [5] bodhas P_1S [6] °vasuradhṛkṛtā° I; °saṃkhyā P_1; °āṣṭir sadhyā S [7] °kṛtārthavasu°khyai IV_1; °gnimagakṛtā°khyai P_1; °gnimagalakṛtā°khyai S [8] kṣaivas IV_1 [9] °dvivadāḥ V_1; rasaravyācciśaśi° P_1 [10] asyaṣṭa° IV_1 [11] rasair IV_1; rave P_1; khe S [12] vinihitaḥ P_1 [13] bhānam V_1; bhānāt P_1 [14] °karṇa IV_1P_1 [15] illegible I; yaṃ inserted after idānīṃ V_1 [16] °karaṇīya IV_1 [17] āryam IV_1; °ārdhyam P_1 [18] °karṇena P_1 corrected to °karṇaṃ tena by DY [19] karṇā I; karṇa V_1 [20] jyāhṛta I; trijyāhataḥ P_1 [21] casau P_1S [22] svakalākarṇate P_1 [23] °tarapakrā° I;°tarāpakrā° V_1 [24] for karṇaḥ | anantara°: karṇenāṃtara° P_1; karṇenāṃtaraprakrāṃtau S [25] °karṇāḥ P_1 corrected to °karṇa by DY

trijyāhṛtaḥ[1] **spaṣṭaḥ** | vyāsārdhabhaktaḥ sphuṭayojanakarṇaḥ[2] pratimaṇḍalasthagrahabhūmadhyaprāpī bhavatīty arthaḥ | evaṃ sarveṣāṃ karṇasphuṭīkaraṇam[3] |

vāsanā[4] cātra trairāśikoktā ||

idānīṃ bhūraviśaśināṃ[5] yojanabimbapramāṇapradarśanārthaṃ[6] svarūpapratipādanāya[7] cāryām āha || P₁ p. 60

mṛddahanajalamayānāṃ
viṣkambho yojanaiḥ kvinendunām |
śaśivasutithibhir 1581[8] **yamapa-**
kṣaśararasaiḥ[9] **6522**[10] **śūnyavasuvedaiḥ**[11] **480**[12] **|| XXI, 32**

▷**mṛddahanajalamayānāṃ** yathāsaṃkhyaṃ **kvinendunāṃ** | kuḥ pṛthivīno ravir induś candraḥ◁[13] | kuś[14] cenaś cenduś[15] ceti dvandvaḥ | teṣāṃ **viṣkambho yojanaiḥ** | mṛnmayo[16] bhūḥ pratyakṣata[17] evāsmābhir upalabhyate | agnimayaḥ[18] sūryaḥ[19] | so 'py[20] asmābhis tādṛg evopalabhyate[21] | ▷jalamayaś[22] candraḥ | so 'pi śītāṃśutayopalabhyate◁[23] | yato 'rkadīdhitipratibimbakatvena[24] candradīdhitayaḥ | yathānyatrāpi jale patitā[25] arkaraśmayas tad apī jalaṃ raśmivat[26] kurva(n)te[27] tadvad ihāpi[28] | teṣāṃ kvinendūnāṃ[29] yojanair etāvatsaṃkhyair viṣkambhaḥ[30] |

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[1] °hataḥ P_1S [2] sphuṭo yojana° IV_1 [3] karṇaputī° S [4] vāsanāṃś V_1 [5] °nā S [6] °pramāṇapramāṇadar° P_1; °pramāṇadar° S [7] °pratipadanāya V_1; kharūpa° P_1S [8] om. IV_1 [13] between ▷ and ◁: om. IV_1 [14] ś (ku om.) V_1; [15] cenduc IV_1; om. P_1 [16] °maya IV_1; mṛn mahī P_1 [17] pratikṣata IV_1 [18] °yamaḥ I; °maya V_1P_1 [19] °yas IV_1 [20] y IV_1 [21] ecopa° IV_1 [22] °mayaḥś IV_1 [23] between ▷ and ◁: om. P_1S [24] °dīdhitiḥ prati° P_1; °biṃbatvena S [25] patayā IV_1 [26] raśmi ca P_1 [27] kukṣato IV_1; kurvate P_1S [28] tadvadvihāpi V_1 [29] vine° P_1 [30] °bhā IV_1

bhūgolavyāsaḥ **śaśivasutithibhiḥ** pañcadaśabhiḥ[1] śatair[2] ekāśīt-yādhikair[3] ity arthaḥ[4] 1581 | ravigolasya vyāso **yamapakṣaśara-rasaiḥ**[5] ṣaḍbhiḥ[6] sahasraiḥ pañcabhiḥ śatair[7] dvāviṃśatyadhikair[8] ity arthaḥ 6522 | candragolasya[9] vyāsaḥ[10] **śūnyavasuvedaiś**[11] ca-turbhiḥ śatair aśītyādhikair[12] ity arthaḥ 480 ||

idānīṃ candrapradeśe bhūchāyāviṣkambhasya[13] yojanātmaka- IV_1 31v
syānayanārtham āryām āha ||

kvarkavyāsāntaraguṇam[14]
indusphuṭakarṇam arkakarṇahṛtam[15] |
prohya[16] **bhuvo bhūchāyā-**
viṣkambhaś candrakakṣāyām[17] || **XXI, 33**

kuś cārkaś ca kvarkau[18] | tayor vyāsau k⟨v⟩arkavyāsau[19] | vyāsayor antaraṃ nyaset[20] | ravibhūyojanavyāsayor viśeṣa ity arthaḥ | tena guṇa indoḥ sphuṭakarṇaś[21] | candramasaḥ sphuṭayojanakarṇa ity arthaḥ[22] | arkakarṇena[23] hṛto[24] 'rka- P_1 p. 61
karṇahṛtaḥ[25] | ravisphuṭayojanakarṇena vibhakta[26] ity arthaḥ | ataḥ **kvarkavyāsāntaraguṇam**[27] **indusphuṭakarṇam arka-karṇahṛtaṃ**[28] santaṃ[29] **prohya**[30] | kuta ity āha **bhūvo** bhūvyāsād[31] | **bhūchāyāviṣkambhaś**[32] **candrakakṣāyām**[33] | candrakakṣāgrahaṇena candrāvasthānapradeśaṃ[34] darśayati |

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[1] paṃcaśatabhiḥ I; om. P_1S [2] satair I [3] aikā° V_1; °tyadhikair P_1S [4] ity arthaḥ om. P_1 [5] °rasaiṣ IV_1; papakṣa° P_1; pamapakṣa° S [6] °bhis IV_1 [7] śatai P_1; śataiḥ S [8] °viṃśaśaty° P_1 [9] caṃdro golasya P_1S [10] vyāsyaḥ V_1 [11] śunya° V_1; śūnyavedaiś S [12] °tyadhikair P_1S [13] °viṣkuṃ° P_1S [14] karka° P_1S [15] °hatam S [16] projyā IV_1 [17] °kakṣyā° IV_1 [18] karkvau I; karkau P_1; karkoṃ S [19] om. IV_1; karkavyāsau P_1S [20] nyasat IV_1 [21] °karṇa P_1S [22] ity arthaḥ om. P_1 but inserted by DY [23] °karṇe IV_1 [24] hato P_1S [25] °hataḥ P_1S [26] °ktaḥ P_1 [27] karka° P_1S [28] °hataṃ P_1S [29] sateṃ S [30] projyā IV_1 [31] bhūvyā saha S [32] °chāyā dṛiṣkaṃbhaś S [33] °kakṣyā° IV_1 [34] śadrāva°deśa I; candravasthā° V_1; caṃvasthā° S

tena candrapratimaṇḍalapradeśe[1] yojanātmako[2] bhūchāyāvyāso[3] bhavatīty arthaḥ | yatas tato 'dho mahān upari ca sūkṣmo[4] bhūchāyāvyāso bhavatīty arthaḥ | tad yathā | bhūvyāsaḥ[5] śaśivas- S p. 1638
tutithayaḥ 1581[6] | ravivyāso yamapakṣaśararasāḥ 6522 | anayor antaraṃ rūpakṛtanavavedāḥ[7] 4941 | anenābhīṣṭadaivasikaṃ candrasphuṭayojanakarṇaṃ saṃguṇayya[8] raviyojanakarṇena vibhajyāvāptaṃ[9] bhūvyāsād asmāc[10] candrāṣṭaśarendusaṃkhyāt[11] 1581 viśodhya bhūchāyāviṣkambho bhavati candrakakṣāpradeśe[12] tatpratimaṇḍala ity arthaḥ |

atra dīpacchāyāgaṇitavāsanā ravivyāsārdhena[13] ca[14] pradarśyā IV$_1$ 32r
| tad yathā | yadi[15] raviyojanakarṇatulyāyāś[16] chāyāyā[17] ravivyāsārdhabhūvyāsārdhāntaratulyā[18] chāyākoṭir[19] labhyate tat sphuṭaśaśiyojanakarṇatulyāyāḥ[20] kiyatīti | labdhaṃ[21] bhūvyāsārdhasya candrapradeśajabhūchāyāviṣkambhārdhasya[22][23] cāntaram | tad bhūvyāsārdhād apāsya[24] dviguṇaṃ kṛtvā candrakakṣāpradeśe[25] bhūchāyāviṣkambho bhavatīty arthaḥ[26] | ācāryeṇa bhūvyāsārdhonaṃ[27] ravivyāsārdhaṃ dviguṇaṃ kṛtvā nibaddham[28] | tataś ca yat phalaṃ tad api sakalam eva bhūvyāsāc chodhyata[29] iti ca[30] P$_1$ p. 62
nibaddham | ataḥ sūtrārtho vāsanāyāṃ ghaṭata iti |

atrāryāyāṃ candrakakṣāgrahanaṃ[31] candramandapratimaṇḍalopalakṣaṇārthaṃ[32] yataḥ sphuṭayojanakarṇena karma[33] pradarśitam[34] ||

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[1] candramaṃḍala° IV$_1$; candrapatimaṇḍala° S [2] °make IV$_1$; °makī P$_1$S [3] °vyāsaṃ IV$_1$ [4] °me IV$_1$; °mai P$_1$; °ma S [5] °sā P$_1$S [6] 1580 I; 15812 P$_1$ [7] rupa° P$_1$ [8] °guṇayā P$_1$ [9] °jyavāstaṃ IV$_1$ [10] assa I; ara V$_1$; asśac P$_1$ [11] °khyāḥ I; °khyā V$_1$ [12] °kakṣyā° IV$_1$ [13] ravidyāsā° I [14] om. P$_1$S [15] om. IV$_1$ [16] °tulyāyā IV$_1$; °tulyā P$_1$; °tulya S [17] chāyayā S [18] ravidyāvyāsā°tulyā IV$_1$; °tulyo P$_1$ [19] chākoṭi IV$_1$ [20] phuṭa° P$_1$; °tulyayā S [21] lavvaṃ P$_1$ [22] °deśabhṛchāyā° IV$_1$ [23] °ārdhampa I [24] for °dhād apāsya: °dhādipāsyaṃ I; °dhādipāśyaṃ V$_1$; °dhād ayāsya P$_1$ [25] °kakṣyā° IV$_1$ [26] ata IV$_1$ [27] °ārdhānaṃ P$_1$ [28] nibaṃddha P$_1$ [29] °to IV$_1$; te P$_1$S [30] ra IV$_1$ [31] °kakṣyā° IV$_1$; om. S [32] °ārtha P$_1$S [33] karmma P$_1$ [34] °darśinaṃ IV$_1$

idānīṃ bhūchāyāviṣkambhasya yojanātmakasya[1] liptīkaraṇam āha ||

tadguṇitaṃ vyāsārdhaṃ
śaśikarṇahṛtaṃ[2] tamaḥpramāṇakalāḥ | XXI, 34ab

tad ity anantaroktabhūchāyāviṣkambhasya parāmarśaḥ[3] | tena guṇitaṃ **tadguṇitam** | **vyāsārdhaṃ**[4] rasacandrakṛtaguṇasaṃkhyaṃ[5] bhagaṇakalāvyāsārdham[6] ity arthaḥ | **śaśikarṇahṛtaṃ**[7] candramadhyayojanakarṇena[8] hṛtam[9] | **tamaḥpramāṇakalā** bhavanti |

atra trairāśikadvayam | yadi candramadhyayojanakarṇasya vyāsārdhatulyā[10] liptā bhavanti tac candrasphuṭayojanakarṇasya kiyatya[11] iti | phalaṃ[12] sphuṭakalākarṇaḥ[13] | tato yadi candrasphuṭayojanakarṇasya[14] candrasphuṭakalākarṇatulyā liptā[15] bhavanti[16] tad asya sphuṭabhūchāyāviṣkambhasya kiyatya iti | sphuṭayojanakarṇaḥ[17] prathame guṇakāro dvitīye bhāgahāraḥ[18] | tulyatvān naṣṭayo⟨r⟩[19] bhūchāyāviṣkambhasya trijyā[20] guṇakāro madhyayojanakarṇo[21] bhāgahāraḥ | phalaṃ liptārūpaṃ[22] tamaḥpramānaṃ candramandapratimaṇḍalapradeśe || IV$_1$ 32v

adhunā ravicandrayojanamānayor[23] liptānayanam āha ||

evaṃ trijyā raviśaśi-
viṣkambhaguṇā[24] svakarṇahṛtā[25] || XXI, 34cd

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[1] om. IV$_1$ [3] °marṣaḥ IV$_1$ [4] °ārdha P$_1$S [5] tasacandra°khya S [6] bhagaṇā° P$_1$ [7] for °hṛtaṃ: °dgataṃ IV$_1$; °hataṃ P$_1$S [8] °madhye yojana° P$_1$S [9] kṛtaṃ I; hataṃ P$_1$S [10] °tulyāḥ P$_1$S [11] kiyata P$_1$S [12] kalam IV$_1$ [13] sphuṭā° P$_1$ [14] candrasya sphuṭa° S [15] liptāḥ P$_1$ [16] bhavati P$_1$ [17] °karṇa S [18] nāmahāras V$_1$ [19] naṣṭayo IV$_1$S; nachāyau P$_1$ [20] najyā P$_1$ [21] madhya yena na karṇa P$_1$; madhyena na karṇa S [22] °rūpa- IV$_1$ [23] °yojanamayor IV$_1$; raviṃ candra° S

trijyā raviśaśiviṣkambhaguṇā raviyojanamānena madhyamenaikatra guṇitānyatra candrayojanamānena | **svakarṇābhyāṃ hṛtā**[1] svasphuṭayojanakarṇena[2] pṛthak pṛthag vibhajanīyety arthaḥ | evaṃ raviśaśinor māne liptārūpe nirūpita[3] ity arthaḥ | P$_1$ p. 63

atra trairāśikadvayam | yadi madhyayojanakarṇatulyair[4] yojanair vyāsārdhatulyā liptā[5] labhyante tan madhyamamānayojanaiḥ[6] kiyatya[7] iti | liptārūpaṃ madhyamānaṃ labhyate | tato dvitīyam | yadi madhyayojanakarṇa[8] etās tat[9] sphuṭayojanakarṇe[10] kiyan mānam | dvitīyaṃ vyastatrairāśikaṃ[11] mahati sphuṭakarṇe yato[12] alpaṃ mānam alpe ca mahat | tadātra prathame[13] madhyamayojanakarṇo bhāgahāro dvitīye guṇakāraḥ[14] | tulyān naṣṭayor[15] madhyamayojanaviṣkambhasya trijyā guṇakāraḥ sphuṭayojanakarṇo bhāgahāraḥ[16] | phalaṃ sphuṭamānaliptā raveś[17] candrasya ca ||

IV$_1$ 33r

S p. 1639

evaṃ[18] mānāny[19] abhidhāyedānīṃ[20] ravicandragrahaṇayoḥ svarūpapratipādanārtham āryām āha ||

bhūchāyenduṃ candraḥ
sūryaṃ[21] chādayati mānayogārdhāt |
vikṣepo[22] yady ūnaḥ
śukletarapañcadaśyante[23] || XXI, 35

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[1] for hṛtā: hatā svahatā P$_1$; hatā S [2] °karṇayo P$_1$S [3] °rūpite V$_1$P$_1$; °rūpate S [4] °yai P$_1$ [5] °tulyaliptā IV$_1$ [6] °mānayor yojanaiḥ IV$_1$ [7] kiyaṃti IV$_1$ [8] °karṇe IV$_1$P$_1$S [9] for etās tat: etāvat IV$_1$; tat om. P$_1$S [10] sphuṭayojojana° P$_1$; sphuṭayo yojana° S [11] yas trai° IV$_1$ [12] yad P$_1$S [13] °maṃ I [14] guṇakaras V$_1$; guṇakās P$_1$ [15] naṣvayor V$_1$ [16] bhāgā° P$_1$S [18] for ca evaṃ: caitraṃ IV$_1$ [19] mānādy IV$_1$ [20] abhidhāyunā IV$_1$ [21] sūryaṃ P$_1$ corrected to sūrya by DY [22] vikṣapo P$_1$ [23] śuklaitara°daśanye IV$_1$; śukletara° P$_1$ corrected to śuletare° by DY

chādayatīty[1] ubhayator api[2] sambadhyate | tenāyam[3] arthaḥ | **bhūchāyenduṃ** chādayati **candraś** ca **sūryaṃ** chādayati[4] yathāsaṃkhyaṃ[5] **śukletarapañcadaśyante**[6] | kiṃ sarvadaiva nety āha[7] **mānayogārdhād**[8] **vikṣepo**[9] **yady**[10] **ūnaḥ**[11] | grāhyagrāhakayor[12] liptāmānayogārdhāt[13] tātkāliko[14] vikśepo[15] ᵇyady ūnaḥ[16] tadā grāsasambhavaḥ |

atreyaṃ vāsanā | raver bhārdhāntaritā[17]sarvadā bhūchāyā bhramati[18] | pauᵈrṇamāsyante[19] candro 'pi bhārdhāntarita[20] eva | P₁ p. 64
tatrasthaś[21] cāsau yady ativikṣipto 'pamaṇḍalān na bhavati tadā bhūchāyāṃ praviśati yataś candrakarṇād bhūchāyādairghyam[22] adhikam | bhūchāyā cāpamaṇḍale[23] bhramati candras tu[24] pātāsanno[25] vimaṇḍalastho 'pi bhūchāyāṃ praviṣya yāti mahattvād[26] bhūchāyāyāḥ[27] |

sūryas tu[28] candramasā[29] chādyate[30] yata[31] upari ravir adhaś candraḥ | sa ca śīghragatiḥ[32] saṃchādya[33] prāg gacchati meghakhaṇḍavat | amāvāsyāyā[34] ante[35] caikasūtragatau[36] dvāv api bhavataḥ |

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[1] kādayatīty IV_1; om. P_1 [2] avi IV_1 [3] nāyam V_1; tena nāyam S [4] kādayati I [5] °khyā P_1S [6] °etaraṃcadaśyate P_1 corrected to °etarapaṃcadaśyate by DY [7] °daivaneryāha I [8] mānārdhayogārdhād P_1S [9] vikṣepe P_1 [10] om. P_1S [11] om. P_1S [12] grātya° P_1 corrected to grāhya° by DY [13] lipta° P_1 [14] tatkārliko IV_1 [15] °pau V_1; °pāḥ P_1 corrected to °po by DY [16] for yady ūnaḥ: yadvānaḥ P_1 [17] vādhaṃtaritā P_1, ta crossed out by DY [18] braṃmati P_1 [19] between ᵇ and ᵈ: om. IV_1 [20] sarvāntarita IV_1; bhāṃtarita P_1S [21] °sthāś P_1S [22] °candrakarṇachāyādirghyam P_1 [23] ca maṃḍale P_1 corrected to capamaṃḍale by DY [24] tū S [25] °āsanna I; °āsatra V_1 [26] mahatvā IV_1P_1; mahattvā S [27] °chāyāḥ P_1 [28] for sūryas tu: sūryarakta P_1S [29] °masaś S [30] kādyate IV_1 [31] om. S [32] °gatis IV_1; °gati P_1 [33] saṃkādya IV_1 [34] °yāḥ P_1S [35] anye P_1S [36] caigasū° IV_1; ca eka° S

tatra[1] sphuṭavikṣepavaśād yady[2] ativikṣiptaś candro na bhavati IV$_1$ 33v
tadā ravigrahaṇaṃ[3] yato bimbayoḥ[4] kendrāntarālaṃ sphuṭavikṣepaḥ[5] | sa ca yadi mān⟨ayog⟩ārdhād[6] adhiko bhavati tadā bimbayor yutir[7] eva[8] na bhavati | athonas tadā parasparam anupraveśo[9] bhavati | ity evaṃ[10] sarvaṃ gole[11] pradarśayet ||

nanu ca rāhukṛtaṃ[12] grahaṇaṃ ravicandrayoḥ[13] tat kim ucyate **bhūchāyenduṃ candraḥ sūryaṃ chādayat⟨īt⟩i**[14] | etad āśaṅkya[15] rāhukṛtaṃ[16] grahaṇaṃ nirācikīrṣur ādau tāvad grāhakadvayapratipādanārtham[17] āha ||

mahad indor āvaraṇaṃ[18]
kuṇṭhaviṣāṇo yato 'rdhasaṃchannaḥ[19] |
a▼rdhacchanno[2021] **bhānus**
tīkṣṇaviṣāṇas[22] **tato 'syālpam || XXI, 36**

spaṣṭārtheyam[23] āryā |

anyena raviś[24] chādyate 'nyena[25] ca[26] śaśī | yato 'rdhacchannasyendoḥ kuṇṭhaviṣāṇatvād[27] avagamyate[28] mahān[29] kaścid grāhaka[30] ity asya[31] |

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[1] tava S [2] y (yad om.) IV$_1$ [3] °ṇaḥ P$_1$ [4] °yo IV$_1$ [5] sphuṭau vikṣe° IV$_1$ [6] mānārdhād IV$_1$P$_1$S [7] yata IV$_1$ [8] evan IV$_1$ [9] °pradeśod IV$_1$ [10] etat IV$_1$ [11] golo IV$_1$ [12] kṛta P$_1$S [13] °yo IV$_1$ [14] chādayaty IV$_1$P$_1$S [15] āśakva IV$_1$ [16] rāhuḥtaṃ IV$_1$ [17] grahika° P$_1$; gāhaka° S [18] āvaṇaṃ S [19] 'rdhaṃ channaḥ IV$_1$; vasaṃchannaḥ P$_1$ [20] ardhaṃ channo IV$_1$; anavachanno P$_1$ corrected to ardhachanno by KN but this correction is cancelled by DY [21] at ▼is inserted: rdhaṃ channo rdhacchanno bhānus tākṣṇaviṣāṇatvamaṃdagamyate mahān kaścid grahaka ityāśca raveś cārdhachannasya viṣaṇyo V$_1$ [22] °viṣāṇos IV$_1$; °viṣaṇās P$_1$ [23] °thoyam IV$_1$; °thayam S [24] ravi P$_1$; raviḥ S [25] | anyane P$_1$; anye na S [26] va P$_1$ [27] °tvam IV$_1$ [28] adagamyate V$_1$ [29] mahāt P$_1$ [30] grahaka IV$_1$; gāhaka P$_1$ [31] āśca IV$_1$

raveś cārdhacchannasya[1] viṣāṇayos[2] taikṣṇyād[3] avagamyate alpo 'sya grāhaka[4] iti | tau ca bhūchāyācandramasau[5] muktvā[6] nānyau[7] niyuktikau[8] kalpayituṃ[9] śakyete iti[10] ||

rāhukṛtagrahaṇasyānyadūṣaṇadvayam[11] āha || P$_1$ p. 65

yadi rāhuḥ prāgbhāgād
induṃ chādayati kiṃ tathā nārkam |
sthityardhaṃ mahad indor
yathā tathā kiṃ na[12] sūryasya || XXI, 37

S p. 1640

iyam[13] api spaṣṭārthā |

maṇḍalaprāgbhāge yathā candramā⟨ś⟩[14] chādyamāno dṛśyate tathārko 'pi kim iti na dṛśyate | arkaś ca maṇḍalāparabhāge IV$_1$ 34r chādyate | tad rāhor ekatvāt[15] kim etat | bhūchāyāyāṃ[16] tu punaś[17] candraḥ prāg gacchan[18] bimbapūrvabhāgenaiva[19] pradeśaṃ karotīti | ato 'sya[20] prā▷cyāṃ[21] diśi pragrahaṇam upapadyate | raves tu śīghragaś[22] candraḥ | sa ca pūrvābhi◁mukho[23] gacchan[24] bimbapaścādbhāge[25] pragrahaṇam upapādayati | ato na rāhukṛtaṃ grahaṇam ity arthaḥ |

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[1] cāvacha° P$_1$S [2] viṣaṇa° I; viṣṇayo P$_1$; °ṇayoḥ S [3] taikṣaṇyād P$_1$ [4] grahaka P$_1$ [5] °masā I [6] mukttā I; mukvā P$_1$; yuktau S [7] °yo I; °yai P$_1$; °yair S [8] niryukti° IV$_1$ [9] kalpavituṃ I; kaplavittaṃ V$_1$ [10] °yateti I; °yeteti V$_1$; °yate iti P$_1$ [11] °ānyad dūṣaṇa° IV$_1$; °kṛtagaṇasyā° P$_1$ [12] tu IV$_1$ [13] m (iya om.) V$_1$ [14] °mā IV$_1$P$_1$S [15] akṛtatvāt I; akṛtvāt V$_1$; ekatvā P$_1$ [16] °chāyāṃ P$_1$S [17] punaḥ P$_1$S [18] āchann P$_1$S [19] ivapūrva° P$_1$ [20] etosya I; etasya P$_1$S [21] °yā P$_1$ [22] śīghraś P$_1$ corrected to śīghragaś by DY [23] between ▷ and ◁: om. IV$_1$ [24] gacchanna P$_1$; gacchann iva S [25] viṃvevapaś° P$_1$; biṃbaṃ paś° S

anyac ca | sthityardhaṃ mahad[1] yathā candragrahaṇe kiṃ tathā nārkagrahaṇe[2] grāhakasāmānyāt | bhūchāyā ca mahatī tataḥ sthityardhaṃ[3] mahad upapadyate | ᵇcandras tu svalpas tato 'syālpasthityardham upapadyata◁[4] eva | ato na rāhukṛtaṃ grahaṇam iti ||

rāhukṛtagrahaṇasya dūṣaṇāntaram āha ||

kiṃ prativiṣayaṃ sūryo[5]
rāhuś cānyo[6] yato ravigrahaṇe |
grāsānyatvaṃ[7] na tato
rāhukṛtaṃ[8] grahaṇam arkendvoḥ[9] || XXI, 38

sugamārtheyam[10] āryā |

sūryas tāvad eka eva sarvatra | rāhuś ca | tat kim iti ᵇkvāpi sarvagrahaṇaṃ◁[11] kvāpi khaṇḍagrahaṇam anyatra grahaṇābhāva[12] eva ravigrahaṇe | candragrahaṇe[13] ca samānyaḥ[14] sarvatra grāsaḥ | tat kim etad ekatvāt svarbhānoḥ[15] | candras tu yadā raveś[16] chādakas[17] tadā tasyālpatvād avanativikṣepākṣadeśāntarādibhir[18] grāsabheda[19] upapadyate[20] | evaṃ yathāmbudakhaṇḍacchanno[21] 'rkaḥ kvāpi na dṛṣyate ᵇ'nyatra dṛśyate◁[22] 'nyatrārdhāchanno[23] dṛśyata evam ihāpi | candrasya P_1 p. 66
bhūchāyā chādakaḥ[24] | sā caikarūpā[25] sarvatra dhūmavar- IV_1 34v
tyākārā[26] | tatrapraviṣṭaś[27] candraḥ sarvato 'pi channa eveti |

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[1] mad P_1 [2] °grahaṇa IV_1 [3] sthityarthai 'rdha P_1; sthityarthair dhaṃ S [4] between ᵇ and ◁: om. P_1S [5] sūryā IV_1 [6] cāṃtyo IV_1 [7] grāsānnyatvaṃ IV_1 [8] rāhukataṃ P_1 [9] for grahaṇam arke°: grahaṇārke° P_1 corrected to grahaṇām arke° by DY [10] sugamarthe° P_1 [11] between ᵇ and ◁: om. P_1S [12] grahaṇabhāva P_1 [13] capragrahaṇe IV_1 [14] sāmānyas I; sāmānya V_1 [15] ca bhānoḥ P_1 corrected to svarbhānoḥ by DY [16] raveḥ P_1S [17] °kaḥ P_1S [18] avamativikṣepāntadeśādibhir IV_1; °deśāṃtarād iti P_1S [19] °daḥ P_1S [20] upadyate P_1 [21] evāthātyudakhaṃḍa° IV_1; yathāvuda° P_1 [22] between ᵇ and ◁: om. IV_1 [23] hanyatrārdhāchinno I; °āchinno V_1; anyatrāvachanno P_1S [24] dikā I; chādakaḥ dikā V_1; chādikā P_1S [25] vaika° P_1; °rūpayā S [26] °kārāṃ IV_1; °varttākārī P_1; °vartākārī S [27] tatrāpra° P_1; °viśati S

ataś candragrahaṇaṃ sarvasāmānyam evopapadyate[1] | tasmād upasaṃharati **na tato rāhukṛtaṃ grahaṇam arkendvor**[2] iti[3] |

yathāsthite gole[4] vāsanā pradarśyā | anantaroktāryāṇāṃ bhūchāyāvāsanā[5] | yatrāpamaṇḍale[6] raviḥ[7] sthitas[8] tatsamabhūbhāgād ubhayato[9] navatitame bhūbhāge sūtradvayaṃ baddhvā[10] tadagre[11] ekatra kṛtvā ravikrāntāpamaṇḍalabhāgād[12] ardhacakrāntarite[13] 'pamaṇḍalabhāga eva badhnīyāt | evaṃ sthite sūtrāntarasaṃsthā bhūchāyā bhavati | grahaṇādhyāyayoś ca pratisūtraṃ[14] prapañcena vāsanāṃ pratipādayiṣyāma[15] iti |

atra cācāryavarāhamihiraḥ |

sūryāt saptamarāśau
yadi codagdakṣiṇena[16] nātigataḥ[17] |
candraḥ pūrvābhimukhaś[18]
chāyām[19] aurvīṃ[20] tadā viśati[21] ||
candro 'dhaḥsthaḥ[22] sthagayati[23]
ravim ambudavat[24] samāgataḥ paścāt |
pratideśam ataś citraṃ
dṛṣṭivaśād[25] bhāskaragrahaṇam ||[a]

[a] BS V, 10–11

[1] upapadyate (eva om.) IV_1 [2] arkendor I; arkedvor P_1 [3] ati I [4] gola S [5] °vasanā IV_1 [6] yatrāpi maṇḍale P_1S [7] raveḥ S [8] sthitiḥ P_1 [9] ubhayo IV_1 [10] caddhā P_1 corrected to vaddhā by DY; baddhā S [11] °agra IV_1 [12] ravyākrān° IV_1 [13] adhacakrāṃtarato IV_1 [14] °sūtra IV_1S [15] °ṣyām IV_1; °yichāma P_1, corrected to °yiṣyāma by DY [16] cogdakṣi° I; cogdakṣiṇenā V_1 [17] nābhigataś IV_1; for °dakṣiṇena nātigataḥ: °dakṣiṇābhigataḥ P_1S [18] °mukha P_1S [19] °yāg V_1 [20] °aurvāṃ IV_1; aurvī P_1S [21] viṃśatiḥ S [22] dhasthaḥ IV_1 [23] stagayati P_1 [24] a···davat IV_1; aṃḍalavudavat P_1, ḍala crossed out by DY [25] dṛṣṭavaśād P_1; dṛṣṭavasād S

yad uktaṃ bhūchāyā candraṃ chādayati ravim indur iti varāhamihirādyais teṣāṃ dharmaphalaśāstrayor[1] bāhyatvapratipādanāyāryādvayam[2] āha ||

evaṃ varāhamihira-[3]
śrīṣeṇāryabhaṭaviṣṇucandrādyaiḥ[4] |
lokaviruddham abhihitaṃ
vedasmṛtisaṃhitābāhyam[5] || XXI, 39
yady[6] evaṃ[7] grahaṇaphalaṃ
gargādyaiḥ[8] saṃhitāsu yad abhihitam[9]
tadabhāvo[10] homajapa- IV_1 35r
snānādiphalasya cābhāvaḥ[11] || XXI, 40
S p. 1641

gatārtham[12] ||

rāhukṛtaṃ grahaṇam evety āha ||

rāhukṛtaṃ grahaṇadvayam
āgopālāṅganādisiddham[13] idam | P_1 p. 67
bahuphalam[14] idam api siddhaṃ
japahomasnānaphalam atra || XXI, 41

dṛṣṭārtheyam[15] āryā[16] ||

amum evārthaṃ[17] smṛtivākyair anumodayati ||

smṛtiṣūktaṃ na snānaṃ[18]
rāhor anyatra[19] darśanād rātrau[20] |
rāhugraste[21] sūrye[22]
sarvaṃ gaṅgāsamaṃ[23] toyam[24] || XXI, 42

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[1] dharmaphalāsāstrāyo P_1; dharmaphalāśāstrāyo S [2] grāhyatvaṃ prati° P_1S [3] °mihiraś IV_1; vārāhamihiraḥ P_1; °mihiraḥ S [4] cāryeṇāryabhaṭṭa° IV_1; °āryabhaṭṭa° S [5] ceda° P_1 corrected to veda° by DY [6] om. S [7] eva P_1; om. S [8] karmādyais I; °ādyai V_1P_1 [9] ābhi° IV_1 [10] tata kāle V_1 [11] °vātti I; °vāt V_1; °bhāvaḥ P_1 corrected to °bhavaḥ by DY [12] gatārthe IV_1 [13] °dvayābhāvovāṅganā° V_1 [14] bāhuphalam V_1 [15] °arthe 'yam P_1 [16] oryā I [17] evārthakyaṃ IV_1 [18] sthānaṃ IV_1 [19] aṇnyatra? I [20] rātraiḥ P_1 [21] rāhugrahaste P_1 [22] om. P_1 [23] samaṃ (gaṅgā om.) P_1 [24] to 'yam P_1

gatārthā ||

atrārthe[1] vedavākyaṃ pradarśayati |

svarbhānur āsurir[2] inaṃ[3]
tamasā vivyādha[4] vedavākyam idam | XXI, 43ab

spaṣṭārtham āryārdhaṃ[5] |

nanu ca[6] bhūchāyāṃ candraḥ praviśati svagrahaṇe ravim api chādayati[7] candro 'rkagrahaṇa ity uktaṃ prāg yuktimat parityajya lokaprasiddhaṃ[8] rāhukṛtaṃ grahaṇaṃ kim ity aṅgīkriyate[9] | yataḥ prasiddhir anyathā dṛśyate yathā śuklapakṣānte[10] māso bahuṣv api[11] deśeṣu prasiddho raver upari[12] candras tasya kṣayavṛddhī[13] dakṣaśāpādityādinā ca etad vicāryamāṇaṃ[14] na sambhavati | yad api[15] smṛtivākyaṃ tad rātrisnānasya[16] niṣedhaparam | yac ca vaidikaṃ vākyaṃ tat saumāraudrīyacaror[17] aśvetāyāḥ śvetavatsāyāḥ payasaḥ[18] śrapaṇaparam[19] arthavādatayā tatra paṭhyate[20] | etihāsikāny api vākyāni grahaṇaphalapratipādanaparāṇi[21] | ya eva ravicandrayoḥ[22] khaṇḍatāṃ[23] karoti sa eva teṣāṃ rāhuḥ | gargādī- IV$_1$ 35v
nām api saṃhitāvākyāni digvarṇavalanādilakṣaṇaiḥ[24] śubhāśubhapratipādakāni | teṣām api yo grasate sa eva rāhuḥ[25] | punar yāvat[26] pāramārthiko[27] grāhako[28] na jñāyate tāvat kālagrāsapramāṇasthitivalanādayo[29] dṛksamāḥ[30] katham jñātuṃ śakyante | tasmāt sa- P$_1$ p. 68
vāsanikaṃ yat prāguktaṃ tac chobhanam ||

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[1] drāte IV$_1$; atārthe P$_1$ [2] āsurid I; rāvā āsriḥ V$_1$ [3] sūryaṃ V$_1$ [5] for °tham āryā°: °thāryā° P$_1$ [6] om. P$_1$S [7] °dayata I; °dayate V$_1$ [8] °siddhā IV$_1$; °siddhyā P$_1$; °siddha S [9] °kṛyate IV$_1$; itāṃgī° P$_1$ [10] śrutvāpakṣāṃtare P$_1$ corrected to śruklapakṣāṃtare by DY; °pakṣāntare S [11] for bahuṣv api: vahusthāpi P$_1$ [12] uparis IV$_1$ [13] °vṛddhiḥ P$_1$ [14] vicāryāṇāṃ IV$_1$; vicāryaṇam P$_1$ corrected to vicāryaṇaṇam by DY [15] yadāpi P$_1$ [16] °snāna IV$_1$; ratri° P$_1$ [17] °rodrīya° P$_1$; °rodrīyavaror S [18] payasā IV$_1$ [19] śrayaṇa° P$_1$; śrayaṇaṃ param S [20] pacyate IV$_1$; paṭhayate P$_1$ [21] °phalaṃ prati° IV$_1$ [22] °yos IV$_1$; °yo S [23] svaṃḍanyaṃ IV$_1$ [24] varṇavalanādi° IV$_1$; digvarṇāvalanādi° P$_1$; digvarṇacalanādi° S [25] *after this is placed:* o o o o o o IV$_1$ [26] yāva IV$_1$ [27] pāramārthako IV$_1$; pāramathiko P$_1$ [28] grahaḥ ko P$_1$S [29] °māṇāṃ (°ṇaṃ S) sthiticalanādayo P$_1$S [30] °samā IV$_1$

lokaviruddho 'pi na vaktavya[1] ity[2] asyārtham[3] āryārdham āha ||

śrutisaṃhitāsmṛtīnāṃ
bhavati yathaikyaṃ[4] taduktir ataḥ || XXI, 43cd

gatārtham idam āryārdham ||

idānīṃ ᵇtadaikyam āryādvayena◁[5] pradarśayati ||

rāhus[6] tac[7] chādayati
praviśati yac chuklapañcadaśyante |
bhūchāyātamasīndur[8]
varapradānāt kamalajasya || XXI, 44
candro 'mbumayo[9] 'dhaḥstho[10]
yad agnimayabhāskarasya māsānte |
chādayati śamitatāpo[11]
rāhuś chādayati tat savituḥ || XXI, 45

gatārthe[12] āgamaprāmāṇyāt[13] ||

so 'pi tatrādhaḥstho bhavatv ity artho bhavatu[14] nāma rāhor[15] adhovasthitiḥ[16] | tathāpi tasyaikatvāt katham raviśaśigrahaṇayor mānapramāṇaṃ bhinnaṃ bhavatīti[17] atrāpy ekavākyatāṃ yojaya- S p. 1642
ti ||

bhūchāyāvyāsasamaḥ
śaśikakṣāyāṃ[18] sthitaḥ śaśigrahaṇe[19] |
rāhuś[20] chādayatīnduṃ[21]
sūryagrahaṇe 'rkam indusamaḥ || XXI, 46

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[1] vakṛvya P_1; vakṛtya S [2] draty P_1 [3] atyortham IV_1; ato 'rtham P_1 corrected to atortham by DY; S=P_1 [5] between ᵇ and ◁: ntadaikyardhāryādvayena IV_1 [6] rāhu P_1; rāhuś S [7] om. P_1S [8] bhūchāyāt tamasīndur IV_1; bhūchāyāṃ tamaṃsīdur P_1; °īndor S [9] caṃdrāṃbu° P_1 [10] 'dhaḥ (stho om.) P_1S [11] °tāyo P_1 [12] °thaṃ P_1S [13] °prāmārvān IV_1 [14] arthaṃ bhavati P_1 [15] °rāhur V_1 [16] °vāsthis P_1 [17] iti om. IV_1 [18] °kakṣyāyāṃ IV_1; °kakṣāyāyāṃ P_1; om. S [19] °ṇo I [20] rāhu P_1 [21] °dayandaṃ I; °dayantīndaṃ V_1; °dayati idaṃ P_1, idaṃ corrected to iduṃ by DY

gatārtheyam āryā ||

athaivaṃ kaścid bhaṇati[1] mahāpramāṇo[2] rāhuḥ[3] | bhūchāyā- IV$_1$ 36r
candrapramāṇābhyāṃ[4] yad adhikaṃ tat kim iti nopalabhyata[5] iti | taṃ[6] pratyāha ||

yat tad adhikaṃ tamomaya-
rāhuvyāsasya sūryadṛṣṭatvam |
naśyati[7] bhūchāyendvor[8]
vyāsasamo 'smād bhavati rāhuḥ || XXI, 47

niṣprayojaneyaṃ gatārthā ca ||

idānīm ekavākyatāpakṣam upasaṃharati ||

▷bhūchāyā nendum ato◁[9]
grahaṇe chādayati nārkam indur vā |
tatsthas[10] tadvyāsasamo
rāhuś chādayati śaśisūryau || XXI, 48

dṛṣṭārtheyam[11] āryā ||

graha⟨ṇa⟩svarūpavāsanā[12] ||

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[1] bharṇāta S [2] °ṇe P$_1$ [3] rāhu P$_1$S [4] bhūchāyāc caṃdra° IV$_1$ [5] °yate P$_1$S [6] saṃ P$_1$S [7] na paśyati P$_1$S [8] °yendor IV$_1$; °yeṃdau P$_1$S [9] between ▷ and ◁: bhūchāyendum ato hi S [10] °sthās P$_1$ [11] dṛṣṭāyeyam IV$_1$; svachārthaiyam P$_1$ corrected to spaṣṭārthaiyam by DY; spaṣṭārtheyam S [12] grahasva° IV$_1$P$_1$S

XXI, 49–58

idānīṃ golabandhaṃ[1] pradarśayati | IV$_1$ 36r l. 4;

tatrādau samamaṇḍalayāmyottarakṣitijamaṇḍalānāṃ[2] vinyāsārtham āryām āha || P$_1$ p. 68 l. -3; S p. 1642 l. 12

P$_1$ p. 69

prācyaparaṃ samamaṇḍalam
anyad[3] yāmyottaraṃ kṣitijam[4] anyat |
parikaravat tanmadhye
bhūgolas tatsthitadraṣṭuḥ || XXI, 49

prācyaparaṃ[5] yan maṇḍalaṃ[6] tat **samamaṇḍalam** | **anyad yāmyottaram**[7] | dvitīyaṃ[8] dakṣiṇottaraṃ tad ity arthaḥ | **kṣitijam anyat**[9] **parikaravat** | yat[10] tṛtīyaṃ samapārśvastham maṇḍalaṃ tat[11] kṣitijam[12] ucyate | **tanmadhye**[13] bhūr[14] golakākārā[15] sarvatra[16] | tatsthitasya[17] draṣṭur etāni trīṇi khagolavṛttāny[18] eva kalpyānīty[19] arthaḥ | **tatsthitadraṣṭur**[20] ity uttaratra samastamaṇḍalavinyāse[21] sambandho bhaviṣyatīti ||

tatra gole svadeśasthitasya[22] draṣṭuḥ[23] kīdṛg[24] unmaṇḍalam[25] | tatra pratipādanāyāryām āha[26] || IV$_1$ 36v

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[1] golavadhaṃ P$_1$ [2] °yomyāttara° IV$_1$; samaṃḍalāyamyottarā° P$_1$, °ottarā° corrected to °ottara° by DY [3] anyād IV$_1$ [4] kṣitajam IV$_1$ [5] prācyāparaṃ V$_1$ [6] for yan maṇ°: unmaṃ° P$_1$S [7] yāmottaraṃ P$_1$S [8] dvitīyo I [9] anya P$_1$S [10] ya P$_1$ [11] tā P$_1$ [12] kṣtijam ity P$_1$ [13] manmadhye S [14] bhū P$_1$S [15] °kārāt IV$_1$ [16] sarvā P$_1$; sarvataḥ S [17] tat om. IV$_1$S [18] golakṛtāny P$_1$ [19] kalpānīty P$_1$ [20] °draṣṭar IV$_1$; tatsthitaṃ dra° P$_1$; tatsthitaṃ draṣṭut S [21] °nyāsa IV$_1$ [22] svadeśā° P$_1$ [23] °ṭu IV$_1$ [24] kvībhṛg IV$_1$ [25] urmaṇ° IV$_1$ [26] āhaḥ P$_1$

pūrvāparayor lagnaṃ
yāmyottarayor[1] natonnataṃ kṣitijāt |
svākṣāṃśair unmaṇḍalam[2]
aharniśor[3] vṛddhihānikaram[4] || XXI, 50

pūrvā cāparā ca[5] **pūrvāpare**[6] | tayor **lagṇam** | pūrvāparayoḥ[7] svastikayor[8] āsaktam ity arthaḥ[9] | yāmyā cottarā ca[10] **yāmyottare**[11] | ⟨tayor⟩ **natonnatam**[12] | kuta ity āha **kṣitijād** iti | kṣitijamaṇḍalād[13] dakṣiṇakhagolasvastikān natam[14] uttarāc[15] connatam ity arthaḥ | kiyadbhir aṃśair[16] ity āha **svākṣāṃśair**[17] iti | svadeśākṣabhāgair[18] iti yāvat | kiṃ[19] tad[20] **unmaṇḍalam** | udayamaṇḍalam unmaṇḍalam[21] | svadeśasamadakṣiṇanirakṣadeśe[22] kṣi- S p. 1643
tijam ity arthaḥ |

aharniśor[23] **vṛddhihānikaram**[24] | nirakṣadeśajadinarātryoḥ[25] svadeśe kṣayavṛddhijanakam[26] | tadvaśāt[27] pratideśaṃ[28] dinarātripramāṇe bhinne bhavata[29] ity arthaḥ | yato nirakṣasyaiva svāhorātr[ārdh]avṛttasyārdhaṃ[30] kṣitijād[31] uparisthitaṃ dvitīyam[32] ardham adhas[33] tatra sarva- P₁ p. 70
dā dinarātripramāṇe[34] tulye[35] kṣitijonmaṇḍalayor ekatvāt |

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[1] °yon I; yorn V_1 [2] umaṃḍalam I [3] °niśo IV_1S; ahārniśor P_1 [4] hānivṛddhikaram P_1 [5] pūrva ca parā ca P_1 [6] pūrvapare P_1S [7] °yos IV_1 [8] svās° P_1 [9] arthaṃ P_1 [10] vad S [11] yāmye IV_1 [12] °natonnatuṃ P_1 [13] °ḍalān IV_1; °ḍalā P_1 [14] nanum V_1; natas P_1 [15] uttarā P_1; for natam uttarāc: nasūttarāt S [16] aṃkṣaiśair P_1; akṣāṃśair S [17] svakṣā° P_1 [18] sudeśākṣa° I; svaśākṣa° V_1; °kṣabhagir P_1 [19] kin IV_1 [20] tud IV_1 [21] °ḍala P_1S [22] °deśasamaṃ dakṣiṇa°deśa IV_1 [23] °niśo P_1S [24] °karaṇam S [25] °deśayadina° I; °deśīyadina° V_1; °rātroḥ P_1S [26] °janake IV_1 [27] °vaśā IV_1 [28] °deśāṃ I [29] bhavati IV_1 [30] °rātrārthavṛtta° IV_1; °vṛttasārdhaṃ P_1S [31] kṣitijad I [32] dvitī [p. 70] dvitīyam P_1 [33] átas P_1S [34] kṣinarātri° P_1 corrected to dinarātri° by DY [35] tulyo P_1S

anyatrottareṇānyat[1] kṣtijam anyad unmaṇḍalam akṣavaśāt | ata[2] unmaṇḍalāt[3] svāhorātr[ārdh]amaṇḍalasyārdham[4] upari[5] dvitīyam adhaḥ | tac conmaṇḍalaṃ[6] svadeśakṣitijād uttareṇonnataṃ[7] dakṣiṇenāvanataṃ[8] samamaṇḍalāvadheḥ[9] | svakṣitije draṣṭā ravyudayāstamayau paśyati | svāhorātr[ārdh]amaṇḍalārdhaṃ[10] nyūnādhikam api paśyati | tasmād upapadyete[11] kṣayavṛddhī[12] dina- IV$_1$ 37r
niśoḥ | yāvac cottareṇa draṣṭā bhavati tāvat tasyottaragolake[13] sūrye[14] mahān divaso bhavaty alpā rātriḥ | dakṣiṇagolasthe[15] ravau viparītam | evaṃ yatra ṣaṭṣaṣṭir[16] akṣāṃśās tatra ṣaṣṭighaṭiko[17] divaso rātrer abhāvo[18] dakṣiṇāyanādau[19] yatas tatra dine[20] 'rkodayakāle[21] 'pamaṇḍalam[22] eva kṣitijam | divasasyāpy[23] abhāva uttarāyaṇādau[24] ṣaṣṭighaṭikā rātrir yataḥ kṣitij⟨y⟩ā[25] tatra mithunāntāhorātratulyā[26] paramakrāntijyātulyo 'valambhakaś caradalaṃ ca[27] pañcadaśa ghaṭikāḥ[28] | tato 'py[29] uttareṇāsmād[30] dināni bahūni[31] yāvat sakṛd[32] udgata[33] eva dṛśyate sūryaḥ | parataḥ parato yāvan meruḥ | tatra ṣaḍbhir[34] māsair[35] divasa uttaragolage ravau | yāvad dinapramāṇaṃ tatra tāvad rātripramāṇaṃ[36] tatraiva dakṣiṇagolastha ityādi[37] yojyam iti ||

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[1] °ṇānya P_1S [2] eta P_1S [3] tanmaṃ° IV_1; °ḍalā S [4] svaḥrātrā° S [5] upara IV_1 [6] °ḍalāṃ IV_1; comaṇḍala S [7] utareṇo° P_1 [8] °ṇe caratam I; °ne caranatam V_1; °ṇenava° P_1 [9] °lāvardhaḥ IV_1; sama | maṃḍalādhaḥ P_1, °lādhaḥ corrected to °lārdhedhaḥ by DY; samam maṇḍalārdhedhaḥ S [10] svāhotrā° IV_1; °lārdha P_1; svaho°lārdha S [11] upapadyate V_1 [12] °vṛddhi IV_1 [13] for tāvat tasyo°: tāvasyo° S [14] sūryo P_1S [15] °sthau P_1 [16] ṣaḍvṛṣṭir IV_1; ṣaṭaṣaṣṭir S [17] ṣaṣṭikatiko P_1 [18] abhavā V_1 [19] dakṣaṇā° P_1 [20] dino IV_1 [21] °dayakrāle S [22] yamaṃḍalam IP_1 [23] °syāth P_1S [24] °nādau IV_1 [25] kṣitiḥ jā IV_1; kṣitijā P_1S [26] °tulya P_1 [27] om. IV_1 [28] paradiśaghaṭikās IV_1 [29] th P_1 corrected to py by DY [30] uttareṇāsma I; uttareṇasma V_1 [31] vanhati IV_1 [32] sakad P_1 corrected to sakvad by DY; sadukṛd S [33] ata P_1 corrected to udgata by DY; gata S [34] °bhi S [35] mosair S [36] rātrimāṇaṃ IV_1 [37] ādir IV_1

idānīṃ svadeśasthasya draṣṭur[1] viṣuvanmaṇḍalapratipādanāyāryām āha[2] ||

viṣuvanmaṇḍalam ūrdhvaṃ[3]
samamaṇḍalataḥ sthitaṃ[4] svakākṣāmśaiḥ[5] |
yāmyenottarato[6] 'dhaḥ[7]
kṣitije prācyaparayor lagnam[8] || XXI, 51

P₁ p. 71

viṣuvanmaṇḍalaṃ viṣuvadvṛttam | tat katham **sthitam** | **ūrdhvaṃ[9] samamaṇḍalataḥ** | upari samamaṇḍalata ⟨ūr⟩dhvasthitam[10] | **svakākṣāmśair[11] yāmyena** | svadeśākṣabhāgatulyair bhāgair[12] dakṣiṇenety[13] arthaḥ | **uttarato 'dhaḥ** | uttareṇa[14] cādhogolakabhāge[15] tāvadbhir eva[16] bhāgaiḥ sthitam | **kṣitije prācyaparayor[17] lagnam[18]** | pūrvāparayoś[19] ca diśoḥ[20] kṣitijāsaktam[21] ity arthaḥ | yato nirakṣadeśopari viṣuvanmaṇḍalam[22] | tac ca svadeśākṣabhāgoddhṛte[23] gole[24] yathoktam eva dṛśyate || IV₁ 37v

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[1] dṛṣṭu P_1 [2] viṣunmaṃḍalaṃ pratipādanāyāha P_1; °pādanāyāha S [3] °maṃḍalaṣūccaṃ IV_1; viṣunmaṃḍalam ūrdhaṃ P_1 [4] °maṃḍalasaṃsthitaṃ I; °maṃḍalamasthitaṃ V_1 [5] svakakṣā° P_1S [6] yāmyonotarato V_1 [7] dhṛti I; dhati V_1 [8] after this is inserted: viṣunmaṃḍalam ūrdhaṃ samamaṃḍalataḥ sthitaṃ iti P_1 but crossed out by DY [9] ūrddhaḥ P_1 [10] for °ḍalata ⟨ūr⟩dhvasthitam: °ḍalamadhyasthitam IP_1S; °ḍalata dhaḥsthitam V_1 [11] svakāṃkṣāśaiḥ I; svakakṣāṃśaiḥ (°śair P_1) V_1P_1 [12] °gai P_1 corrected to °gair by DY [13] dakṣiṇena tam ity P_1S [14] for 'dhaḥ | uttareṇa: dhātūttareṇa IV_1 [15] cādhaḥ° P_1 corrected to cārdhaḥ° by DY [16] evaṃ V_1; ekhā P_1 [17] °apararayer IV_1 [18] la··· P_1 [19] ···parayoś P_1 [20] diśo P_1 [21] °sakam P_1 corrected to °saktam by DY; °jāsannam S [22] °ḍala I; viṣumaṃḍalaṃ P_1 [23] °bhāgoddhate I; °bhāgo P_1; bhāge··· S [24] om. P_1; ···le S

idānīm apakramamaṇḍalapradarśanārtham[1] idam āha ||

viṣuvanmaṇḍalalagnaṃ
meṣatulādāv[2] udak kulīrādau[3] |
jinabhāgair yāmyena[4] mṛ-
gādāv apamaṇḍalam ihārkaḥ || XXI, 52

viṣvanmaṇḍalalagnam[5] | kva[6] pradeśa[7] ity āha **meṣatulādau** | viṣuvatsvastikayor ity arthaḥ | **udak[8] kulīrādau jinabhāgaiḥ[9]** | uttarataḥ[10] karkaṭakādau[11] bhāgacaturviṃśatyā[12] lagnam | **yāmyena mṛgādau** | dakṣiṇena[13] bhāgacaturviṃśatyā[14] makarādau[15] lagnam[16] ity arthaḥ | evam apakramamaṇḍalam | samamaṇḍalaṃ[17] mayā ca samamaṇḍalādīnāṃ[18] vinyāse pūrvam[19] eva pradarśitam | **ihārka** ity asminn apamaṇḍale 'rko bhramati[20] p. 1644 S yato 'rkagatir evāpamaṇḍalam[21] ||

ke tatrāpamaṇḍale bhramantīti[22] tadartham[23] āryārdham[24] āha ||

pātāś candrādīnāṃ[25]
bhramanti bhārdhe[26] raveś ca bhūchāyā | XXI, 53ab

na kevalam ihāpamaṇḍale 'rko bhramati yāvat[27] **pātāś candrādīnāṃ** sambandhino[28] **bhramanti[29]** | **bhārdhe** cakrārdhe[30] | **raveś ca bhūchāyā** tatraiva bhramatīti[31] | vāsanā pūrvam eva pradarśitā ||

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[1] apakramam eva maṃḍala° P_1 [2] ···tulā° P_1 corrected to meṣatulā° by DY [3] uddhakulīrādau I; udakulīrādau V_1 [4] yāmyane I [5] viṣunmaṇḍala° P_1 [6] om. P_1S [7] om. P_1S [8] uda P_1 [9] vibhāgair P_1; jinavibhāgair S [10] °rata P_1S [11] om. P_1; karkaṭādau S [12] bhāga om. P_1S [13] dakṣiṇe IV_1 [14] dhanabhāgacaturviṃśatyaiva IV_1; °viṃśātyā P_1 [15] om. IV_1 [16] lagnādau m IV_1 [17] mapamaṃḍalaṃ I; om. V_1 [18] samaṃḍa° P_1S [19] pūrvabh S [20] bhūpatiḥ I [21] °aḷāṃ P_1 [22] bhramatīti V_1P_1 [23] tādartham I [24] āryārtham IV_1 [25] cendvādīnāṃ IV_1; cindrādīnāṃ P_1 [27] yā ca IV_1 [28] °dhano I [29] bhrmati bhārdhe P_1 [30] cakrārdho IV_1 [31] bhramantīti P_1S

idānīṃ vimaṇḍalānāṃ vinyāsapradarśanāy⟨āryām⟩ āha[1] ‖ P₁ p. 72

pātād apamaṇḍalavad[2]
vimaṇḍalāni[3] svavikṣepaiḥ ‖ XXI, 53cd
saumyaṃ vimaṇḍalārdhaṃ
prathamaṃ yāmyaṃ dvitīyam eteṣu | XXI, 54ab

pātāt pātabhāgāvadheḥ[4] | **apamaṇḍalavad**[5] apamaṇḍalasaṃsthāne ca[6] | **vimaṇḍalāni** badhnīyād[7] ity arthaḥ | ayaṃ viśeṣaḥ | **svavikṣepaiḥ** | yathā paṭhitasvavikṣepais tayor apamaṇḍalavimaṇḍalayor[8] antaraṃ bhavati madhye saumyetarayor[9] api maṇḍalayos[10] tathā badhnīyād[11] ity arthaḥ | tatra cāpamaṇḍale **saumyaṃ prathamaṃ** yathā **vimaṇḍalārdhaṃ** bhavati **dvitīyam** ardhaṃ ca[12] yathā dakṣiṇaṃ bhavati tathā badhnīyād[13] ity arthaḥ | etac ca pūrvam evāsmābhiḥ[14] pradarśitam | **eteṣv** ity uttarāryārdhe sambadhyate | **eteṣu** vimaṇḍaleṣu ‖ IV₁ 38r

tadarthaṃ[15] dvitīyam āryārdham āha ‖

candrakujajīvamandā[16]
bhramanti śīghreṇa[17] budhaśukrau ‖ XXI, 54cd

▷candrabhaumagurusaurā eteṣu vimaṇḍaleṣu◁[18] bhramanti[19] | budhaśukrau[20] ca bhramataḥ[21] kiṃ tu tau śīghreṇa | ayam arthaḥ | kujaguruśaṇicandrāḥ[22] sve sve vimaṇḍale[23] mandasphuṭagatyā bhramanti | budhaśukrau tu punar vimaṇḍale śīghragatyā bhramata[24] ity arthaḥ |

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[1] for °śanāy⟨āryām⟩ āha: °śanām āha IV_1; °śanāyāha P_1S [2] amaṃḍalamad I [3] vimaṃḍaladalāni P_1 [4] °bhogā° IV_1; °bhogavo P_1; °bhogavadhe S [5] bhramamaṃḍalavat IV_1 [6] om. IV_1 [7] vadhīyād P_1 [8] apamaṃḍalayor I; api maṃḍalayor V_1 [9] saumyetyarayor I; saumyetotayor V_1; yāmyottarayor S [10] apy amaṃḍalayos I; apamaṃdalayos P_1S [11] badhīyād P_1 [12] sa IV_1 [13] badhīyād P_1 corrected to badhnīyād by DY [14] evo 'smābhiḥ P_1 [15] tadardhaṃ P_1S [16] °manda IV_1; °mandāḥ S [18] between ▷ and ◁: om. P_1S [19] bhramaṃti P_1 corrected to ca bhramata by DY, but ca is crossed out by DY himself; om. S [20] om. S [21] ca bhramataḥ is included in the mūla S [22] °śaśicandrā (āḥ S) P_1S [23] maṃḍale (vi om.) P_1 [24] bhramatva IV_1

etad uktaṃ bhavati | śīghranīcoccavṛttamadhyaṃ[1] sve vimaṇḍale bhramati kujagurusaurāṇām | tadvaśāc ca tatparidhisthito graho 'pi tāvaty evāntare[2] 'pamaṇḍalād[3] viprakṛṣṭo[4] bhavati | tena mandasphuṭād[5] grahād[6] vikṣepānayanaṃ[7] samāgamādhyāye[8a] vakṣyati | budhaśukrayos[9] tu na kevalaṃ[10] śīghranīcoccavṛttamadhyavaśena[11] viprakarṣo[12] yāvat svaśīghrapratimaṇḍaloccavaśena[13] ca yato 'taḥ svaśīghrād ▷vikṣepānayanaṃ[14] tayor vakṣyati◁[15] | P₁ p. 73 ▷atropalabdhir eva yadi◁[16] kāraṇaṃ śakyate vaktuṃ paridhyādiṣv iveti[17] ||

idānīṃ dṛṅmaṇḍalapratipādanāyā⟨ryām ā⟩ha[18] ||

dṛṅmaṇḍalārdham[19] ūrdhvaṃ[20] IV₁ 38v
yat[21] tatparidhisthitaṃ[22] grahaṃ draṣṭā |
paśyati yataḥ kṣitisthas
tad bhramati[23] tato grahābhimukham[24] || XXI, 55

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[a] BSS chapter IX

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[1] for °vṛtta°: °kṛta° P_1 [2] evaṃtare P_1 [3] °ḍalā IV_1 [4] °kṛhmo V_1; °kṛṣṭau P_1 [5] °sphuṭān IV_1; °sphuṭā P_1S [6] grahā V_1 [7] vikṣepād ānayanaṃ P_1S [8] °ādhyaye IV_1 [9] budhaśīghrayos P_1S [10] kevala IV_1 [11] °vasena IV_1; kṛta for vṛtta P_1 [12] tipra° IV_1; °kṛṣṭā P_1; °kṛṣṭo S [13] °vasenaṃ IV_1; svaśīghrayoś ca pratimaṃḍalavaśena P_1S [14] °ānayanā V_1 [15] between ▷ and ◁: om. P_1 but inserted by DY [16] between ▷ and ◁: om. P_1; ane···labdhi···di S [17] ivetti I [18] °pādanāyāha IV_1P_1S [19] dṛg°rdham P_1 corrected to dṛṅ°rdhahṛte by DY [20] ūrdhvaṃ P_1 crossed out by DY [21] yat P_1 crossed out by DY [22] tat P_1 crossed out by DY

dṛṣṭimaṇḍalaṃ **dṛṅmaṇḍalam** | yatra[1] dṛṣṭikṣipto[2] graho dṛśyate tad dṛṅmaṇḍalam | tasyārdham **ūrdhvam**[3] | tasya dṛṅmaṇḍalasya **yad** ardhaṃ[4] kṣitijād[5] uparisthitam[6] | **tatparidhisthitaṃ**[7] **paśyati draṣṭā grahaṃ yatas tad bhramati grahābhimukham** | **tad**[8] dṛṅmaṇḍalasyārdham uparitamaṃ[9] grahābhimukham ata eva bhramati | grahaṃ na[10] tyajatīty arthaḥ |

khagolavṛttānāṃ[11] pramāṇenānyad[12] vṛttaṃ nirmāya[13] tad[14] dṛṅmaṇḍalaṃ nyased udayakāle[15] kṣitijagrahodayapradeśe yathā S p. 1645
paridhir āsakto[16] bhavati | samamaṇḍalasyoparyadhaḥsvastikayoś[17] ca sarvathā paridhir[18] yathāsakto bhavati tathā tadvṛttaṃ nidadhyāt | madhyāhne ca yāmyottaramaṇḍalavad[19] bhavati | astamayakṣitijapradeśāsaktaś[20] cāstamaye tatparidhir[21] yathā bhavati tathā nidadhyāt | ity evaṃ[22] yathā graho bhramati tathā[23] tad vṛttaṃ[24] bhrāmayet[25] | evaṃ tatparidhau sarvadaiva graho[26] bhramati[27] | tatra maṇḍale śaṅkur unnatajyā[28] dṛgjyā[29] natajyā | tadardhaṃ sarvadā kṣitijād upari bhavati | dvitīyam ardham adhaḥ[30] | yathāsthite gole vinyasya śaṅkucchāyādivāsanā pradarśyā[31] ||

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[1] om. P_1S [2] dṛṣṭiṃ kṣiptvā P_1; yaṣṭiṃ kṣiptvā S [3] ūrdhe IV_1; arddhaṃ P_1 [4] ardhaḥ P_1 [5] kśititad P_1 [6] °ta S [7] tat om. P_1S [8] ta IV_1; tat P_1S [9] uparitanaṃ V_1; uparitama P_1; uparita··· S [10] ta I [11] khagokṛtānāṃ P_1 [12] pramāṇenād I; pramāṇenā V_1; prabhāṇena anyad S [13] nirmāpya IV_1 [14] for nirmāya tad: nirmāyata S [15] udayakāle P_1, ya crossed out by DY [16] asakto IV_1: for paridhir āsakto: paridhinā sakto P_1S [17] samaṃḍala° P_1S [18] °dhiḥ P_1: °dhi S [19] °ḍalatad I; °ḍalaṃ tad V_1 [20] °āsakṛś P_1; asyamaya° S [21] stat° IV_1 [22] eva IV_1 [23] tathā || tathā IV_1; tathā tathā S [24] tad om. P_1 [25] bhramayed IV_1 [26] sarvadeva° I [27] bhravati I; bhavati P_1 [28] uttatajya V_1 [29] drgja IV_1; drg(jyā) P_1 [30] mudho I; madho V_1 [31] °śya V_1

idānīṃ dṛkkṣepamaṇḍalapradarśanārtham ⟨āryām⟩ āha[1] ‖ P₁ p. 74

kṣitijāpamaṇḍalayutir[2] IV₁ 39r
lagnaṃ lagnāgrayā[3] diśāvalanam[4] |
dṛkkṣepamaṇḍalaṃ[5] da-
kṣiṇottaraṃ[6] vitribhavilagne ‖ XXI, 56

kṣitijāpamaṇḍalayor yutiḥ | yatrāpamaṇḍalasyodayaḥ[7] kṣitijena sahaikatvaṃ[8] lakṣyate[9] tatra pradeśe **kṣitijāpamaṇḍalayutir[10] lagnavyapadeśaḥ[11]** | tasya pradeśasya **lagnāgrayā diśāvalanam** | lagnasyāgrā lagnāgrā[12] | kṣitije samamaṇḍalāpamaṇḍalāntarāṃśānāṃ[13] jyety arthaḥ | sā[14] lagnāgrā | tasyā agrāyā[15] yā dik tayā[16] diśāvalanam | sāpamaṇḍalapūrvā[17] |

tad[18] **dakṣiṇottaraṃ[19] dṛkkṣepamaṇḍalaṃ[20] vitribhavilagne** | etad uktaṃ bhavati | yadā[21] lagnāgrā samamaṇḍalarekhāta[22] uttareṇa bhavati tadā[23] vitribhalagnam api[24] yāmyottaramaṇḍalāt pūrveṇa bhavati madhyajyāvṛtte[25] yatas tatra paramoccatāpamaṇḍalārdhasya kṣitijād uparisthitasya | viṣaḍbhaṃ[26] cāpamaṇḍalalagnaṃ[27] samamaṇḍalarekhāto dakṣiṇena bhavatīty artho yata eva sva-

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[1] after this is written: kṣitijāpamaṇḍalapradarśanārtham āha P₁S [2] °yutir IV₁; °yutir P₁ corrected to °yutau by DY; S=DY [3] lagnāgra··· I [4] diśālavanam V₁; diśālagnam P₁; diśāvalagnam S [5] dṛktepa° IV₁ [6] °ttare V₁ [7] °syādayaḥ P₁ [8] sahaikaṃ tvaṃ IV₁ [9] lakṣyeta I; kṣyeta V₁ [10] °ḍalā (yutir om.) P₁; °ḍalā yutir S [11] lagnavyadeśaḥ I; lagnasvadeśaḥ V₁ [12] lagnasya gralagnā IV₁; lagnasyāgralagnāgra P₁ [13] °āṃtaraṃ mānāṃ I; āṃtaraṃ mānā V₁ [14] sya I [15] lagnāyā IV₁ [16] tamā I; ṛyā P₁ [17] °ḍalā pūrvā IV₁; °maṇḍapūrvā P₁ [18] ta P₁ [19] dākṣiṇo° P₁ [20] dṛkṣepa° IV₁ [21] yadi yadi P₁; yadi S [22] °rekhā P₁S [23] tathā IV₁ [24] vitrivilagnanadhi IV₁ [25] °kṛte P₁ [26] viṣudra P₁S [27] vāpa° P₁S

taḥ | dṛkkṣepamaṇḍalaṃ[1] vitribhavilagne[2] dakṣiṇottaraṃ[3] pradarśyaṃ yasmān madhyajyāsambhave viṣuvaddinaṃ[4] varjayitvānyatra[5] yāmyottaramaṇḍalaṃ[6] dṛkkṣepamaṇḍalaṃ[7] na bhavati | dṛṣṭiḥ kṣipyate maṇḍaladakṣiṇottareṇa[8] yatra tad[9] ▷dṛkkṣepamaṇḍalam avanatimaṇḍalam[10] iti[11] yāvat◁[12] | yathā samamaṇḍaloparyadhaḥsvastikayor[13] yataṃ[14] vitribhalagnāvagāhi[15] bhavati tathā[16] dṛkkṣepamaṇḍalaṃ[17] khagole[18] nidhāya[19] ravigrahaṇavāsanāṃ[20] pradarśayed[21] yato 'pamaṇḍalagatyā[22] pūrvāparaṃ lambanaṃ[23] dṛkkṣepamaṇḍalagatyā[24] dakṣiṇottarāvanatir[25] iti ‖ IV$_1$ 39

svāhorātrapradarśanārtham āryādvayam[26] āha ‖

viṣuvadudag[27] badhnīyāt[28]
krāntyaṃśasamāntareṣv[29] ajādīnām | P$_1$ p. 7
vṛttatritayaṃ vyastaṃ
karkyādīnāṃ tulādīnām ‖ XXI, 57

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[1] vikṣepa° IV$_1$ [2] ···vilagne P$_1$ corrected vitri···vilagne by DY; vi···vilagna S [3] ···ṇottaraṃ P$_1$ [4] viṣuvadvinaṃ V$_1$; viṣuvadinaṃ P$_1$ [5] °tvā··· P$_1$S [6] ··· P$_1$ corrected to yāmyottara··· by DY; S=DY [7] dṛkṣepa° IV$_1$; kukṣepa° P$_1$ [8] maṃḍale dakṣiṇo° V$_1$ [9] ta IV$_1$; tā P$_1$ [10] avane vimaṃḍale P$_1$ [11] om. P$_1$ [12] between ▷ and ◁: dṛkkṣepamaṇḍalabhavana···yathāvat S [13] °ḍalopardhadhaḥ° P$_1$ [14] yato IV$_1$P$_1$S [15] °lagnāvāgagāhi P$_1$ [16] tāvad P$_1$; tadā S [17] dṛkṣepa° IV$_1$; tādṛkkṣepamaṃḍala P$_1$ corrected to dṛkkṣe··· by DY; dṛkkṣepa··· S [18] gole (kha om.) P$_1$S [19] nidhādha I [20] °grahaṇāvā° P$_1$ [21] pradarśyayet IV$_1$ [22] 'pi om. P$_1$S [23] laṃ··· P$_1$; laṃkā··· S [24] dṛkṣepa° IV$_1$; kṣepamaṃḍalaṃ tad P$_1$ corrected to kakṣopamaṃḍalaṃ by DY; °ḍalaṃ S [25] °vanitir IV$_1$ [26] āryām P$_1$; āryām imām S [27] °udag P$_1$ corrected to °u··· by DY [28] badhnīyāt P$_1$ corrected to ··· by DY [29] °aṃśāvantareṣv IV$_1$; krāntyaṃśasamāntareṣv P$_1$ corrected to ···rdhāṃ ntareṣv by DY

viṣuvaddakṣiṇato[1] 'nyan[2]
makarādīnāṃ tad eva viparītam |
svāhorātrāṇy[3] eṣāṃ[4]
vyāsāḥ pṛthag evam iṣṭam api || XXI, 58

viṣuvadudag badhnīyāt | kiṃ tat | **vṛttatritayam** | keṣām | **ajādīnām[5]** | kiyatsv antareṣu[6] | **krāntyaṃśa-samāntareṣu[7]** | krānter aṃśāḥ krāntyaṃśāḥ[8] | viṣuvata[9] uttareṇa yāvadbhir[10] yāvadbhiḥ[11] svakrāntyaṃśair[12] meṣavṛṣamithunāḥ[13] sthitās tair ity arthaḥ | viparītaṃ **karkaṭādīnām** | **tulādīnāṃ** ▷**viṣuvaddakṣiṇato[14] 'nyat** | yathā meṣādīnāṃ◁[15] viṣuvadudag evaṃ tulādīnāṃ viṣuvaddakṣiṇena vṛttatritayam | makarādīnāṃ tad eva[16] vi- S p. 1646
parītam | yad dhanuṣas tan makarasya yad[17] vṛścikasya tat kumbhasya yat tulāyās tan mīnasyety arthaḥ | **svāhorātrāṇi** | **eṣāṃ** vṛttānāṃ[18] **vyāsāḥ pṛthak** | **evam[19] iṣṭam[20] api** | yathā meṣādīnāṃ svāhorātravyāsatulyāni vṛttāni svakrāntyagreṣu pradarśitāny evaṃ svāhorātrapramāṇenābhīṣṭasya grahādeḥ svakrāntyagrāt[21] svāhorātravṛttaṃ[22] badhnīyād[23] ity arthaḥ | svāhorātravṛttāni kakṣāgole badhnīyād ity artho na khagole | etac[24] ▷cāsmābhiḥ pūrvam eva◁[25] vyākhyātam | svāhorātravṛtte IV$_1$ 40r
dinagataśeṣādayaḥ[26] pradarśyā[27] gole ||

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[1] °dakṣiṇe IV$_1$ [2] 'nyan P$_1$ corrected to ···n by DY [3] svahorātrāmy I; svahorātrām V$_1$ [4] eṣā IV$_1$ [5] ājādī° P$_1$ [6] aṃtereṣu P$_1$ [7] °aṃsāvaṃtareṣu I; °aṃśāvatareṣu V$_1$; °aṃśeṣv ajādīnāṃ P$_1$S [8] °aṃsā IV$_1$ [9] °vat S [10] °bhiḥ P$_1$S [11] °bhis I [12] svā° IV$_1$ [13] °mithunā IV$_1$ [14] viṣudakṣi° P$_1$ [15] between ▷ and ◁: om. S [16] tadave P$_1$ [17] vad IV$_1$ [18] kṛtānāṃ P$_1$ [19] eva P$_1$S [20] śiṣṭam P$_1$S [21] svakrāntyat IV$_1$ [22] svahorātra° IV$_1$ [23] °nīyad P$_1$ [24] pratya[40r]ś IV$_1$; etad P$_1$ corrected to etac by DY [25] between ▷ and ◁: ca pūrvam evāsmābhir IV$_1$; ca om. P$_1$ but inserted by DY [26] °vṛttadinagata° IV$_1$ [27] °śya IV$_1$

XXI, 59–66

idānīṃ tripraśnādhyāyavāsanā[1] pradarśyate | tad yathā | nirakṣadeśe bhapañjaraḥ sama evāvatiṣṭhate | tatra rāśyudayāḥ[2] kim iti[3] bhinnāḥ | tadupapattyartham[4] āryādvayam[5] āha ‖ P₁ p. 7(

laṅkāsamapaścimagaṃ
prāṇena kalāṃ bhamaṇḍalaṃ[6] bhramati |
apamaṇḍalasya rāśir
dvādaśabhāgaḥ[7] kṣitijalagnāt[8] ‖ XXI, 59
yānty udayaṃ meṣādyā
yatas[9] tadudayā na kālasamāḥ[10] |
krāntivaśāl laṅkāyāṃ
tadūnatādhikyam[11] akṣavaśāt ‖ XXI, 60

laṅkāgrahaṇaṃ nirakṣadeśopalakṣaṇārtham[12] | **laṅkāyāḥ samapaścimagam**[13] | nirakṣadeśordhvādhogam[14] ity arthaḥ | kiṃ[15] ▷tat | **bhamaṇḍalam**◁[16][17] | nakṣatramaṇḍalaṃ[18] viṣuvanmaṇḍalam ity arthaḥ | **prāṇena kalāṃ bhamaṇḍalaṃ**[19] **bhramati** | prāṇatulyena kālena[20] yasya[21] maṇḍalasya[22] liptodayaṃ[23] yāti[24] bhamaṇḍalaṃ[25] tat[26] | na tad apamaṇḍalam | **rāśis**[27] tu punar **apamaṇḍalasya dvādaśabhāgaḥ** | rāśayaś[28] ▷ca meṣādayaḥ | te ca◁[29] **kṣitijalagnād**[30] **udayaṃ yānti** | **yato** yasmād | tatas tasmāt teṣām[31] udayās **tadudayāḥ**[32] | **na kālasamāḥ**[33] | kālena[34]

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[1] °dhyayavāsanā I [2] °yāt P_1S [3] for kim iti: kiti P_1 corrected to kim iti by DY [4] °upapatyarthaḥ m IV_1 [5] ārya° P_1 [6] bhramamḍalo IV_1 [7] dvārābhāgaḥ ‖ I; dvārābhāgaḥ daśa V_1; °bhāgāḥ P_1 [8] °lagnāḥ IV_1 [9] tatas IV_1 [10] na kalasamāḥ I; nākīlasamāḥ V_1 [11] tadūnabhādhi° IV_1 [12] °deśepadarśanārtham IV_1; svadeśo···ṇārtha P_1, ni is inserted before sva° by DY [13] sapaścimagaṃ IV_1 [14] °deśordhadhogam IV_1; °deśa uparyadhogam P_1S [15] ki V_1 [16] ··· P_1 corrected to bhamaṃdala by DY; S=DY [17] between ▷ and ◁: nūnarumaṃḍalaṃ IV_1 [18] ··· P_1; ···kṣa··· S [19] merumaṃḍalaṃ IV_1 [20] kālyena IV_1 [21] ya··· P_1 [22] maṇalasya IV_1; ··· P_1; maṇḍala··· S [23] liptodadyāṃ IV_1; ··· P_1S [24] ··· P_1; bhramati S [25] tanmaṃḍalatas I; tanmaṃḍalaṃ V_1; unmelaṃ P_1; unmaṇḍalaṃ S [26] om. I [27] rāsis P_1; ravis S [28] ··· P_1 [29] between ▷ and ◁: ··· P_1S [30] °lagnā P_1S [31] teṣāṃm P_1 [32] om. IV_1 [33] ··· P_1 [34] ···kāla P_1S

samā na bhavanti | kasmād[1] dhetoḥ | **krāntivaśāt**[2] | yato viṣuvanmaṇḍalāpamaṇḍalayor[3] antaraṃ[4] krāntiḥ[5] | tadvaśād[6] apamaṇḍalaṃ ca tiryag bhavati | yadi viṣuvanmaṇḍale[7] rāśayaḥ[8] syus tat pañcaghaṭikā rāśyudayā api[9] bhaveyuḥ | nirakṣe vā[10] sākṣe deśe vā[11] | yāvac cāpamaṇḍale[12] rāśayas tac cāpamaṇḍalaṃ **laṅkāyām**[13] api tiryaksthitaṃ[14] **krāntivaśād** atas[15] tatrāpi[16] **tadūnatādhikyam**[17] | ▷teṣāṃ[18] meṣādīnām[19] ūnādhikatā sambhavati | svadeśe tu pu⟨na⟩r[20] **akṣavaśāt tadūnatādhikyaṃ**◁[21] bhavati | evaṃ kim atrocyate nirakṣadeśe sākṣe[22] ca[23] gole sarvaṃ[24] pradarśayet | **akṣavaśād** ity etad uttarāryārdhe[25] sambandhaṃ bhaviṣyatīti ‖ IV$_1$ 40v P$_1$ p. 77

caradalapradarśanārtham[26] āryārdham[27] āha ‖

kṣitijonmaṇḍalayor yat
svāhorātrāntaraṃ caradalaṃ tat | XXI, 61ab

kṣitijaṃ conmaṇḍalaṃ ca **kṣitijonmaṇḍale**[28] | tayor **antaraṃ yat svāhorātravṛtte**[29] tat svadeśākṣonnataviśāc[30] **caradalam** | yato nirakṣadeśe[31] kṣitijonmaṇḍalayor antaraṃ nāsty ekatvāt tatra caradalam api nāsti | sarvadā tena tulye dinarātripramāṇe | anyatrākṣavaśād unmaṇḍalam[32] unnataṃ nataṃ bhavati | ▷svāhorātravṛttasyārdham adhikam◁[33] ūnaṃ[34] vā dṛśyate[35] | atas[36] tatrākṣavaśād upapadyete[37] kṣayavṛddhī[38] iti[39] | sarvaṃ[40] gole pradarśayet[41] ‖

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[1] tasmad P$_1$; tasmād S [2] kānti° P$_1$ [3] °ḍalāyor I; viṣumaṃḍalā° P$_1$S [4] aṃ··· P$_1$; aṃta··· S [5] krāṃti IV$_1$; ··· P$_1$ [6] ···ty P$_1$; ta···d S [7] °ḍala IV$_1$ [8] rāśa P$_1$ [9] apa IV$_1$ [10] va V$_1$ [11] om. IV$_1$ [12] yāvady apamaṃḍale [13] kāyām P$_1$ [14] titiryagsthitaṃ P$_1$ [15] as P$_1$S [16] tātrāpi P$_1$ [17] tadūdanatā° S [18] teteṣāṃ P$_1$ corrected to teṣāṃ by DY [19] °nān P$_1$ [20] pur P$_1$S [21] between ▷ and ◁: om. IV$_1$ [22] sākṣa IV$_1$ [23] om. IV$_1$ [24] sarva P$_1$ [25] ustarāryārdha IV$_1$ [26] varadapradar° P$_1$; carapradar° S [27] āryāryām S [28] °ḍalaṃ IV$_1$ [29] svāhorātrāntaraṃ ca vṛtte IV$_1$; °kṛte P$_1$ [30] °vaśāt tac IV$_1$ [31] °deśā P$_1$; deśa S [32] udanmaṃḍalaṃm IV$_1$ [33] between ▷ and ◁: °syādham adhikam IV$_1$; °rātrasyākṣārdādhikam P$_1$; rātrasyākṣād adhikam S [34] na P$_1$ [35] °yaṃte IV$_1$ [36] ataḥ P$_1$S [37] upapadyate I [38] kṣayā P$_1$ [39] om. P$_1$ [40] sarva I [41] pratidarśayet IV$_1$

idānīm agrāpradarśanārtham ||

kṣitije 'grā prācyaparā-
svāhorātrāntarāṃśajyā[1] || **XXI, 61cd**

kṣitijamaṇḍale | **agrā prācyaparā** samamaṇḍalam | **svāho-** S p. 1647
rātraṃ svāhorātrārdhavṛttam[2] | tayor **antaraṃ ye 'ṃśās**[3] teṣām aṃśānāṃ yā **jyā** sāgrety ucyate yatas tadagre grahodayāstamayau[4] bhavata ity[5] arthaḥ | samamaṇḍalād uttarato dakṣiṇato[6] vā kṣitije yatra grahodayas[7] tatra sūtrasyaikam[8] agraṃ baddhvā[9] dvitīyam agraṃ samamaṇḍalād[10] anyasyāṃ diśi tāvaty evāntare[11] badhnīyāt IV$_1$ 41r | dakṣiṇottarāyataṃ kṣitija eva | tadardham agrā | sā ca nirakṣe krāntitulyā[12] | sākṣe[13] deśe krameṇopacīyate tāvad yāvad yatra ṣaṭṣaṣṭir[14] akṣāṃśāḥ[15] | tatra trijyātulyā bhavatīti | ▷etat sarvaṃ[16] gole◁[17] pradarśayet ||

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[1] prācyapara° P$_1$; °tarajyā (aṃśa om.) S [2] °ārdhakṛtāṃ P$_1$; °vṛttāṃ S [3] tu trayoṃśā (°śāḥ S) P$_1$S [4] °mayo I [5] dvaty P$_1$ [6] °te P$_1$ [7] grahahodayas S [8] °syekam P$_1$ [9] vadhvā IV$_1$; vaddhya P$_1$ corrected to vaddhyā by DY [10] °maṇḍalasyād IV$_1$ [11] evāntara IV$_1$ [12] °tulyāḥ I; °tulyoḥ V$_1$ [13] śākṣe IV$_1$; sākṣā S [14] ṣavaṣṭir I; ṣaṣṭir V$_1$; ṣaṭuṣaṣṭir P$_1$ [15] °śas P$_1$S [16] om. S [17] between ▷ and ◁: ··· P$_1$

śaṅkuchāyākālānāṃ pradarśanārtham āryām[1] āha ||

svāhorātre kṣitijād
dinagataśeṣoccatā[2] raveḥ[3] śaṅkuḥ[4] |
tasmād dinagataśeṣaṃ
śaṅkukumadhyāntaraṃ[5] dṛgjyā || XXI, 62

svāhorātre svāhorātrārdhavṛtte[6] | **kṣitijāt**[7] ᵇkṣitijasama- P₁ p. 78
sūtrād ity arthaḥᵈ[8] | dinagatasya śeṣasya[9] vā yāvaty uccatā[10] sā[11] **dinagataśeṣoccatā**[12] | kasya[13] | **raveḥ** | ravigrahaṇam[14] ᵇatra grahopalakṣaṇārtham | tatoᵈ[15] 'nyasyāpi[16] grahasya svāhorātrārdhavṛtteṣu[17] dinagataśeṣayoś[18] ca yojyaṃ yāvad ucchatvaṃ[19] ᵇtāvān[20] śaṅkur ity arthaḥᵈ[21] | **tasmād dinagataśeṣaṃ** | **tasmāc** chaṅkoḥ[22] | **dinagataśeṣaṃ**[23] | yathā [dina]*gataśeṣālpasyāhna*[24a] ityādinā[25] kālāc[26] chaṅkur ānītas tataś ca[27] chāyā[28] evaṃ *chāyākarṇavibhaktā viṣuvatkarṇena saṃguṇā*[29] *trijye*tyādinā[b] kāla[30] āneya[31] ity arthaḥ | yata[32]

[a] BSS III, 25a [b] BSS III, 38ab

[1] om. P_1S [2] °ccatā P_1, ccatā is crossed out by DY [3] khes IV_1; reveḥ P_1 crossed out by DY [4] saṃkuḥ IV_1; śaṅku P_1 but crossed out by DY [5] śaṅkubhumadhy° IV_1; śaṅkamadhy° P_1 corrected to śaṅkukumadhy° by DY [6] °kṛte P_1 [7] kṣitijā I; kṣitija··· P_1; kṣitijā··· S [8] between ᵇ and ᵈ: ··· P_1; ···thaḥ S [9] dinagataśeṣasya IV_1 [10] for yāvaty ucchatā: yāvat tā V_1 [11] vā IV_1; vāḥ sā P_1; vā sā S [12] dinagati° P_1 [13] om. P_1S [14] ravigraha··· P_1 [15] between ᵇ and ᵈ: ··· P_1S [16] ity asyāpi P_1; nyāsyāpi S [17] °rātrārddhakṛteṣu P_1 [18] °śeṣayojyayoś P_1S [19] ··· P_1 corrected to udha··· by DY; ucca··· S [20] tāvat V_1 [21] between ᵇ and ᵈ: ··· P_1S [22] °ko IV_1P_1 [23] dinayataśeṣaṃ I; dinataśeṣaṃ V_1; dinagataḥ śeṣaṃ P_1S [24] °śeṣasyālpasyā° IV_1; °ālpasya··· P_1 corrected to °ālpasyā··· by DY [25] om. P_1; ityādi··· nītaḥ S [26] tataś P_1S [27] om. P_1S [28] kāyā I [29] °guṇaḥ P_1S [30] ··· P_1; kā··· S [31] aneya V_1; ···nīyate P_1S [32] para P_1

ubhayor apy ekaiva vāsanā[1] | ataḥ pṛthag noktā[2] | **dṛgjyā**[3] tu[4] punaḥ[5] **śaṅkukumadhyāntaram**[6] | śa'nkumūlasya ᵇbhūmadhyasya ca[7] yad antaraṃᵃ[8] sā dṛgjyā | tasya śaṅkoḥ sā chāyā |

etad gole pradarśayet | tad yathā | svāhorātrārdhavṛtte[9] ghaṭikācihnite yāvatyo[10] dinaghaṭikā vighaṭikāś ca gatās tāvati pradeśe IV$_1$ 41v ravir[11] upalakṣyate[12] cihnaṃ kāryam | tatra sūtraṃ baddhvāvalambayed[13] guruṇāgrabaddhena[14] kenacil loṣṭādinā | tato bhūmadhyād anyad avalambakasūtraspṛksūtraṃ[15] nītvā kṣitije badhnīyāt | evaṃ sthite grahacihnitapradeśakṣitijayor[16] antarasūtrapramāṇaḥ[17] śaṅkuḥ[18] | śaṅkumūlāc ca bhūgolamadhyaṃ yāvat[19] tāvat[20] pramāṇā dṛgjyā | bhūmadhyagrahacihnitapradeśāntaraṃ karṇo[21] vyāsārdhatulyaḥ | evaṃ sarvatra yojyam | vayaṃ ca tatraiva pratyāryāsūtre[22] vāsanāṃ[23] pratipādayiṣyāma iti ||

dṛṅmaṇḍale śaṅkudṛgjyayoḥ[24] pratipādanasūtram āha || P$_1$ p. 79

dṛṅmaṇḍale natāṃśa-
jyā dṛgjyā[25] **śaṅkur unnatāṃśajyā | XXI, 63ab**

dṛṅmaṇḍale pūrvapradarśite[26] yā natabhāgānāṃ jyā sā **dṛgjyā** | yā tu punar unnatabhāgānāṃ[27] jyā sā **śaṅkur** bhavati | etac ca gole pradarśayet |

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[1] °nāḥ P$_1$ [2] bhaktyā IV$_1$ [3] dṛgjyāṃ IV$_1$; gjyā P$_1$ [4] ta IV$_1$ [5] panaḥ P$_1$ [6] śaṃkuḥ ku° IV$_1$ [7] om. S [8] between ᵇ and ᵃ: bhūmadhyasāyaṃdataraṃ P$_1$ [9] °kṛte P$_1$ [10] yāvaṃtyo IV$_1$ [11] rāśy IV$_1$; rapy P$_1$; ravy S [12] upalakṣate P$_1$S [13] vadhvāvalaṃmvayad I; vadhvāvalaṃmyad V$_1$ [14] °āgrahabaddhena S [15] avalamūka° I; avaṃlaṃbaka° P$_1$ [16] °kṣitijayer IV$_1$; °cihnitapradeśe kṣi° P$_1$S [17] °māṇa P$_1$; °māṇāc S [18] chaṃkuḥ P$_1$S [19] yāvan P$_1$ [20] tavat P$_1$ [21] karṇa P$_1$S [22] °sūtrai I; pratyaryāsūtrai V$_1$; prayātyāryāsūtre S [23] vārsanāṃ V$_1$; vāsanaṃ P$_1$ [24] śaṃkuḥ dṛgjyāyoḥ IV$_1$; °jyāyoḥ P$_1$ [26] °śita S [27] unnatu° IV$_1$

yato grahopalakṣitapradeśe svāhorātradṛṅmaṇḍalayoḥ sarvadaiva sampāto bhavaty atas[1] tasmāt[2] pradeśāt[3] kṣitijaṃ yāvad unnatabhāgā dṛṅmaṇḍalasyopari samamaṇḍalamadhyaṃ[4] yāvan natāḥ[5] | tasmād upapannaṃ madhyāhne 'pi dṛṅmaṇḍala unnatajyā[6] śaṅkuḥ[7] | natajyā dṛgjyā | ata evonmaṇḍal⟨e⟩[8] natajyā[9] krameṇa[10] kriyata iti[11] ||

śaṅkutalapradarśanārtham ⟨āryārdham⟩ āha ||

arkodayāstasūtrād[12] S p. 1648

dinaśaṅkor[13] **dakṣiṇena**[14] **talam**[15] || **XXI, 63cd**

atrāpy[16] **arka**grahaṇaṃ[17] grahopalakṣaṇārtham[18] | tena sarvagrahodayāstasūtrāt[19] sva**dinaśaṅkor dakṣiṇataḥ śaṅkutalaṃ**[20] IV$_1$ 42r bhavati[21] pratikṣaṇam[22] | upayogitvād vārkagrahaṇaṃ svāhorātrād uttarataḥ[23] | nirakṣadeśe [yataḥ] śaṅkutalaṃ nāsti ▷śaṅkutalodayāstasūtrayor ekatvāt◁[24] | tata[25] uttareṇākṣavaśāt[26] tiryag[27] golo 'vasthito[28] dakṣiṇena |

ata eva dakṣiṇe[29] śaṅkutalaṃ bhavati | [▷svāhorātravṛttam eva◁[30]] bhūmau yasmāc chaṅkutalam ucyate yāvac cādṛśyaṃ[31] svāhorātravṛttaṃ syāt[32] tadudayāstasūtrād[33] uttareṇa[34] ▷sthitam |

etat sarvaṃ◁[35][36] gole[37] pradarśayec chedyake vā[38] | tad yathā | samāyāṃ bhūmau[39] vyāsārdhakalpitena karkaṭakena[40] vṛttam[41] ā-

[1] om. P_1S [2] asmāt P_1S [3] °deśā IV_1; °deśa S [4] samaṃḍala° IV_1 [5] natā S [6] °maṃḍalontatajyā I; °maṃḍalennatajyā V_1; °maṃḍalo 'tra (tra S) tajyā P_1S [7] śaṃkun I; saṃkun V_1 [8] °ḍala IV_1P_1S [9] tyajyā IV_1 [10] °ṇā IV_1 [11] ityādi IV_1 [12] °sūtrā V_1P_1 [16] apy om. P_1 [17] grahaṇaṃ om. S [18] gatopalakṣ° I [19] °yāstatsūtrāt IV_1; sarvedayāstasūtrāt P_1; sarvodayāsta S [20] śaṃkuḥ tala S [21] om. P_1S [22] ···m P_1; grahaṇaṃ S [23] uttaratra P_1S [24] between ▷ and ◁: śaṃkutalād a··· P_1; śaṃkutala···katvāt S [25] ··· P_1 [26] tatrentareṇā° IV_1 [27] tirya P_1 [28] for golo 'vasthito: golāvasthito IV_1; gelāsthito P_1 corrected to golasthito by DY; golasthito S [29] dākṣiṇaṃ IV_1 [30] between ▷ and ◁: ··· P_1; ···m iva S [31] ca dṛśyaṃ P_1 corrected to cādṛśyaṃ by DY [32] for °rātravṛttaṃ syāt: °rātraṃ kṛtasya P_1; °rātravṛttasya S [33] tādudayā° I; °āstasūrya P_1 [34] ··· P_1 [35] sarva V_1 [36] between ▷ and ◁: ··· P_1S [37] ··· P_1 [38] va IV_1 [39] om. P_1S [40] °ṭakenana P_1 [41] vṛtam P_1

likhya[1] ▷digaṅkitaṃ kṛtvā kṣitijaṃ tat◁[2] parikalpayet[3] | tataḥ prāg-aparayor agre prasārya cihnadvayaṃ[4] tataś cihnadvayaśiraḥspṛkṣūtraṃ[5] ▷pūrvāparaṃ prasārayet◁[6] | tad[7] udayāstasūtram | tato maṇḍalamadhyān[8] madhyāhnanatajyāṃ[9] dakṣiṇenottareṇa[10] vā ni- P₁ p. 80
dhāya tadagre ▷cihnaṃ kuryāt | evaṃ natajyā◁grasthitacihnena[11][12] pūrvadattāgracihnābhyāṃ ca[13] matsyavidhānena[14] chāyābhramavṛttavad[15] yad vṛttam[16] utpadyate[17] tad arkasya[18] bhramavṛttam[19] | śaṅkumūlavṛttam ity arthaḥ | evam iṣṭagrahasya vā svopakaraṇaiḥ[20] | evaṃ[21] tadvṛttaparidhau[22] bhramato grahaśaṅkumūlasya[23] yāvad yāvad antaram[24] udayāstasūtreṇa saha tāvat[25] tāvac chaṅkutalaṃ[26] svāhorātravṛtte[27] | chāyāvṛtte tu punar[28] IV₁ 42v
viṣuvacchāyātulyaṃ sarvadā bhavatīti[29] yojyam ||

idānīṃ lambanāvanatyoḥ sambhavapratipādanāy⟨āryam⟩ āha ||

dṛśyādṛśyaṃ dṛggo-
lārdhaṃ[30] bhūvyāsadalavihīnayutam |
draṣṭā bhūgolopari[31]
yatas tato lambanāvanatī || XXI, 64

dṛggolasyārdhaṃ[32] **dṛgglolārdham**[33] | tad **bhūvyāsadalavihīnayutaṃ** sad[34] yathāsaṃkhyaṃ[35] **dṛśyādṛśyaṃ**[36] ca bhavati | yadi bhūmiḥ samā syāt taddṛggolārdhaṃ[37] sarvadaiva sakalaṃ dṛśyaṃ[38] dvitīyam adṛśyaṃ[39] syāt | yāvad bhū⟨r⟩ golakākārā[40] ata

[1] ālikhyā I; a··· P_1; ··· S [2] between ▷ and ◁: ··· P_1S [3] ···kalpayet S [4] cihnitadvayaṃ P_1S [5] °mīraṃ I; °śoraḥsvukara··· P_1; cihnitadvayaṃ śira··· S [6] between ▷ and ◁: ··· P_1S [7] yad P_1 [8] °madhyan IP_1 [9] madhyā | hnaṃ nata° I; madhyāhnaṃ nata° V_1 [10] dakṣiṇottareṇa IV₁S; °ttareṇā P_1 [11] between ▷ and ◁: ··· P_1S [12] °agre sthita° IV₁ [13] om. S [14] sa vidhānena IV₁; matsyasya vidhānena S [15] °bhramakṛttavad P_1 [16] vṛtam P_1 [17] udyate P_1 [18] ārkasya IV₁; ayaṃ··· P_1; ekaṃ··· S [19] ···mavṛttaṃ P_1 [20] °kaṇair IV₁; °karaṇer P_1; °karaṇe S [21] eva IV₁; khe S [22] °dho S [23] grahasaṃku° P_1 [24] aṃturam S [25] om. P_1S [26] °talaḥ P_1 [27] °kṛte P_1 [28] r S [29] bhavatītyādi IV₁; bhavanti iti P_1 [30] dṛgola° IV₁ [31] bhūgopari IV₁ [32] dṛgolāsyārddhaṃ P_1; °dha S [33] dṛgolā° P_1 [34] sa IV₁; tad S [35] °śaṃkhyaṃ IV₁ [36] dṛśyaṃ I; dṛśyam adṛśyaṃ S [37] tadṛgolā° P_1; tadvṛttagolā° S [38] dṛśyāṃ P_1 [39] ādṛśyaṃ IV₁ [40] golakārāḥ P_1

eva bhūvyāsārdhonaṃ[1] dṛggolārdhaṃ draṣṭā[2] paśyati | tadyuktaṃ ca dvitīyaṃ dṛggolārdhaṃ[3] na paśyati kṣitivyāsārdhocchritatvād[4] draṣṭuḥ | anayaiva[5] vāsanayā[6] lambanāvanatī[7] sambhavata[8] ity āha **draṣṭā bhūgolopari yatas tato lambanāvanatī**[9] |

yadā[10] ravigrahaṇārkodayakāle[11] tithyantas tadā bhūmadhyavinirgatakṣitijamaṇḍalaprāpitasūtragatau[12] | draṣṭā ca bhūgolopari | sa ca[13] yadā ravicandrau[14] paśyati tadā bhinnakarṇagatibhyāṃ[15] paśyati[16] | ravidṛkkarṇasūtrāc[17] candramā[18] adaḥsthito[19] bhavati | yasmād raver[20] mahatī kakṣā candrasya cālpā[21] 'tas[22] tithyantāt[23] pūrvam eva grahaṇamadhyam upapadyate[24] pūrveṇa P$_1$ p. 81
vitribhalagnāt | aparatas[25] tv anyathā | evaṃ lambanasambhavaḥ | avanater[26] api dakṣiṇottarakṣitijāpekṣayā | yatas[27] tadvaśād[28] vikṣepasyonādhikatvaṃ tataś ca grāsasyonādhikatā[29] sambhavatīti IV$_1$ 43r
| tasmād avanater api sambhava upapadyata ity etad gole pradarśayet ||

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[1] °ārdheṇa P$_1$; °dho na S [2] dṛṣṭaṃ P$_1$ [3] dvitīyagolārddhaṃ P$_1$ [4] °dhochatatvād S [5] anadyaiva P$_1$ [6] vāsanāyā P$_1$ [7] °āvatī P$_1$S [8] saṃbhavata P$_1$ corrected to saṃbhata by DY [9] laṃmūnāva° I; laṃmanāva° V$_1$; °āvanatī P$_1$ corrected to °āvatī by DY; S=DY [10] yā S [11] vigrahaṇairko° P$_1$; vigrahaṇe 'rko° S [12] madhya (bhū om.)°kṣitijiprāpita° IV$_1$; °vinirgatiḥ P$_1$ [13] bha IV$_1$ [14] °dro P$_1$ [15] bhinnavarṇa° S [16] pasyati V$_1$ [17] °sūtrāś IV$_1$; °sūtrāva P$_1$; sūtrā S [18] om. P$_1$; ca S [19] adaḥsthitāṃ P$_1$ [20] raven IV$_1$ [21] ca om. IV$_1$; tulyā P$_1$ corrected to svālpā by DY [22] tat IV$_1$; ātas P$_1$ [23] °antā IV$_1$; °āṃtāt P$_1$ [24] upadyate P$_1$ [25] aparatara P$_1$ [26] laṃvanasaṃvodhanater IV$_1$ [27] vātas IV$_1$ [28] °veśad P$_1$ [29] pyāsadyo° IV$_1$; °syādhikonatā P$_1$S

kiyatyau[1] te[2] lambanāvanatī[3] sambhavata iti tatpratipādanārtham āryām āha ||

kṣitije bhūdalaliptāḥ[4]
kakṣāyāṃ dṛggatir[5] nabhomadhyāt |
avanatiliptā[6] yāmyo-
ttarā ravigrahavad anyatra || XXI, 65

kṣitije[7] kṣitijāmaṇḍale[8] | **bhūdalaliptā**[9] bhūvyāsārdhotthā[10] liptāḥ | bhūvyāsārdhavaśād yā liptā utpadyante tā ity arthaḥ | **kakṣāyāṃ**[11] ▷candrasya **dṛggatir** bhavati◁[12] | tāvatya[13] eva lambanaliptā[14] bhavantīty arthaḥ | etad uktaṃ bhavati | bhūgolamadhyakṣitijastharavyantaraṃ[15] bhujā raviyojanakarṇapramāṇā[16] | bhūvyāsārdhaṃ koṭir draṣṭṛbhūmadhyāntaram[17] | draṣṭuḥ sūtraṃ raviprāpi[18] tiryak[19] karṇaḥ | evaṃ[20] sthite[21] ▷yadi bhūgolamadhye candraḥ[22] syād◁[23] bhūvyāsadalotpannā[24] sarvā[25] ▼▷eva dṛggatiliptāḥ syuḥ◁[26] | yāvac[27] ca[28] ravibhujāyāṃ ▷svayojanatulyakarṇapradeśe bhūmadhyāc◁[29] candramāḥ[30] sthito 'tas trairāśikena **bhūdalaliptā**[31] ut- S p.

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[1] kiyatyayo S [2] ta P_1 [3] laṃvināvanatī P_1 [4] °liptā IV_1 [5] diggatir IV_1; dṛnnatir P_1; dṛggatin S [6] anatiliptā IV_1 [7] kṣiti··· P_1 [8] ··· P_1; om. S [9] ···liptā P_1 corrected to ···dalaliptā by DY [10] vyāsārdhe vyā P_1; vāsārdho° S [11] ··· P_1; kakṣyārtha··· S [12] between ▷ and ◁: ··· P_1S [13] tāvanaty IV_1; yāvatya P_1 corrected to tāvatya by DY [14] laṃvanā liptā P_1 [15] °sthaṃ··· P_1S [16] ···karṇapramāṇa P_1S [17] draṣṭibhū° IV_1; dhṣṭabhū° P_1 [18] °prāya I; °prāyat V_1; °prāpita S [19] tiryaḥ IV_1 [20] om. P_1 [21] om. P_1; sthi··· S [22] candra IV_1 [23] between ▷ and ◁: om. P_1; ··· S [24] sadalotpannāḥ P_1 [25] sarva IV_1P_1 [26] between ▷ and ◁: om. P_1 but given by DY [27] om. P_1, vadya is given by DY; tāvac S [28] om. P_1 [29] between ▷ and ◁: om. P_1, just sūye is given here by DY; ··· S [30] °mā IV_1 [31] bhūdasaliliptā IV_1

pādyāḥ[1] | tad yathā | raviyojanakarṇatulyayā[2] bhujayā[3] bhūvyāsārdhayojanatulyā koṭis tac[4] candrayojanakarṇonaraviyojanakarṇatulyayā[5] ▷kiyantīti | labdhaṃ◁[6] candrakakṣāpradeśe koṭirūpā dṛggatir bhavati | yojanātmikā sā ca pañcadaśavibhaktā[7] liptārū- P_1 p. 82
pā[8] bhavati[9] | athavā[10] vyāsārdhahatā candramadhyayojanakarṇahṛtā[11] etā[12] | dṛggatiliptāḥ[13] kakṣāyām utpadyante[14] | tāvatībhir[15] IV_1 43v
liptābhiś candro nato bhavati draṣṭṛravisūtrād[16] ity arthaḥ |

sā dṛggatir[17] **nabhomadhyāt**[18] samamaṇḍalamadhyāt | yadā[19] vitribhalagnaṃ[20] samamaṇḍalamadhye[21] bhavati[22] tadā sā dṛggatiḥ paripūrṇā[23] bhavati | nate tu ▷vitribhe samamaṇḍalamadhyān◁[24] nyūnā sā bhavatīty[25] arthaḥ |

avanatiliptā yāmyottarā | yathā[26] dṛggatiliptās[27] tadvad avanatiliptā upapadyante[28] | etāvān[29] viśeṣaḥ[30] | ▷yāmyottarās[31] tā[32] | yathā[33] pūrvāparayoḥ kṣitije[34] dṛggativāsanā[35] evaṃ samamaṇḍaladakṣiṇottare[36] kṣitije 'vanativāsanā[37] yojyā | sāpi nabhomadhyād[38] dṛkkṣepamaṇḍale[39] pūrvaṃ[40] nyaste pradarśyā[41] | dṛśyamāṇāś cāvanatiliptāḥ[42] ṣaṭṣaṣṭir[43]

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[1] uktādyās IV_1 [2] ravi··· P_1S [3] om. P_1; bhūjāyā S [4] ta P_1 [5] °tulyāyā IV_1; °karṇena°tulyā··· (tulyāya··· S) P_1S [6] between ▷ and ◁: ··· P_1; ··· ca S [7] °daśāvi° P_1S [8] liptā P_1; liptā··· S [9] ··· S [10] om. P_1 [11] °karṇahatā P_1S [12] eta IV_1; etā P_1 corrected to eta by DY; gava S [13] dṛggaṇitaliptā IV_1; °liptā S [14] utpadyyate P_1; utpadyate S [15] tāvatītibhir IV_1 [16] draṣṭiravi° IV_1 [17] cavanitir IV_1; cāvanātir P_1; cāvanatir S [18] °yān P_1 [19] yada IV_1 [20] vitrirbhalagna P_1; °lagna S [21] °dhyaṃ S [22] bhavatīti IV_1 [23] °pūrṇa V_1 [24] between ▷ and ◁: vitribhe pamaṃḍalavaśāt IV_1; ravisamaṃḍalavaśān P_1 corrected to ravisamamaṃḍalavaśān by DY; S=DY [25] bhavati iti S [26] yā yathā P_1 [27] °liptā S [28] °yate P_1 [29] om. P_1; ··· S [30] om. P_1; ··· S [31] ··· P_1 corrected to yāmyottarā by DY [32] tāḥ IV_1; ··· P_1 corrected to tā by DY; te S [33] ··· P_1 corrected to yathā by DY [34] °jo IV_1 [35] °gatiḥ vāsanā S [36] dakṣiṇottare samamaṃḍale (°ḍala P_1) P_1S [37] ca (va P_1) vāsanā P_1S [38] tatomadhyā P_1 corrected to nabhomadhyā by DY; S=DY [39] dṛkṣepa° P_1S [40] eva P_1 corrected to ve by DY; pūrve S [41] om. P_1S [42] cāvanitiliptāṣ IV_1; °lipta P_1; °liptā··· S [43] om. P_1; ··· S

akṣāṃśā[1] yatra deśe tatra bhūdalotthaliptātulyā[2] utpadyante◁[3][4] mithunāntārkodayena[5] | tato dakṣiṇato raveḥ | candrasya tu vikṣepavaśād[6] dakṣiṇato 'pi |

yatheha[7] ravigrahaṇe[8] lambanāvanatī[9] evam **anyatrāpi** | grahayoḥ parasparacchādane nakṣatragrahayor api lambanali▷ptānām avanatiliptānāṃ veyam[10] eva yuktir iti | lambanaliptāś ca ṣaṣṭihatā bhuktāntarabhājitā ghaṭikā bha◁vanti[11] grahayor[12] vakriṇor[13] avakriṇor[14] apy antarayoś[15] caikasmin[16] vakriṇi[17] bhuktiyogena bhāga iti | evaṃ diṅmātraṃ pradarśitam | tatraiva[18] vistarataḥ pratipādayiṣyāma iti[19] ||

athavā[20] dṛkkarmadvayopapattyartham[21] āryām āha ||

satrigṛhakrāntir[22] udag-
dakṣiṇayos[23] trijyayā[24] hṛtaṃ valanam | IV$_1$ 44r
vikṣepaguṇaṃ ṛṇadhanaṃ
grahe ▷'nyadṛkkarma[25] caradalavat◁[26][27] || XXI, 66

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[1] om. P$_1$; ··· S [2] bhūdalorchaliptā° IV$_1$; °tulyoḥ P$_1$; °tulyāḥ S [3] °yate P$_1$ [4] between ▷ and ◁ is wrongly inserted at ▼ after sarvā above P$_1$ [5] °dayona IV$_1$; mithunatārko° P$_1$S [6] °vaṇād I [7] yayoha P$_1$ [8] ravigragrahaṇe V$_1$ [9] laṃvanatī V$_1$ [10] yam P$_1$ corrected to veyam by DY [11] between ▷ and ◁: om. IV$_1$ [12] ravigrahayor IV$_1$; om. P$_1$S [13] vikri° IV$_1$; cakri° S [14] acakri° S [15] aṃtarayāś S [16] cauka° P$_1$ [17] cikri° S [18] °aivaṃ S [19] for °ṣyāma iti: °ṣyāmā || krati IV$_1$ [20] ve IV$_1$ [21] °ārtham P$_1$S [22] °trigraha° S [23] dakṣiṇatos IV$_1$ [24] tṛjyayā IV$_1$

saha[1] tribhir[2] gṛhair[3] vartata[4] iti **satrigṛhaḥ** | trirāśyadhiko[5] graha ity arthaḥ | tasya[6] krāntiḥ **satrigṛhakrāntiḥ** | **udagdakṣiṇayor**[7] uttaradakṣiṇāyanayor[8] ity arthaḥ | **trijyayā**[9] **hṛtaṃ**[10] **valanaṃ vikṣepaguṇam**[11] | satrigṛhasyotkramajīvayā[12] yā krān- P₁ p. 83
tiḥ ▷sā vikṣepaguṇā[13] trijyāhṛtā◁[14] satī ca[15] valanaṃ[16] bhavatīty arthaḥ |

ayam[17] abhiprāyaḥ | makarādau[18] sthitasya grahasya ▷karkyādau ca tulyo digbhāgo◁[19] nirakṣakṣitijonmaṇḍalavat | meṣatulādau ca paramakrāntijyātulyena[20] valanena | ▷bhinnakoṭirūpeṇārdhāntare ca◁[21] | trairāśikam[22] | yadi vyāsārdha[23] etāvatī koṭiḥ tad vikṣepatulyavyāsārdhavṛtte ▷kiyatīti | phalaṃ vikṣepapūrvāparā kotiḥ◁[24] | sā cāpamaṇḍalīkṛtā grahaphalaṃ bhavati | uttarāyaṇa[25] uttaravikṣipte[26] graha ▷ṛṇaṃ[27] yato 'pamaṇḍale rāśyādikapradeśe◁[28] yatra grahas tasya pradeśasya yāvan nodayo bhavati tāvad graho dṛśyate ▷yato vikṣepavṛttakoṭir aparato nītā◁[29] | dakṣiṇavikṣipte[30] cottarāyaṇe dhanaṃ[31] yataḥ prathamam[32] apamaṇḍalapradeśa[33] udeti ▷paścād

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[1] sa P_1S [2] tribhi P_1S [3] gahair I [4] varttata IV_1; varttate P_1; vartate S [5] trijyārāsyadhiko IV_1 [6] tasyā P_1 [7] °yo P_1S [8] aṃtare dakṣi° IV_1; ···yor P_1; ···tayor S [9] trijyavā IV_1 [10] hataṃ P_1S [11] °guṇa P_1S [12] °jīvā IV_1; °jīcayā P_1 corrected to °jīvayā by DY [13] °guṇa V_1 [14] between ▷ and ◁: ···hatā P_1S [15] om. IV_1; va S [16] calanaṃ IV_1 [17] ścayam IV_1 [18] makararāśau IV_1P_1S [19] between ▷ and ◁: ··· P_1 corrected to ···kakṣa by DY; kakṣā··· S [20] parakrāṃtijyātulyona P_1; parakrānti° S [21] between ▷ and ◁: °koṭerūpe° IV_1; ···tareva P_1; ···tare S [22] °ke IV_1P_1S [23] vyāsārdhatulye IV_1 [24] between ▷ and ◁: ···ṭiḥ P_1 corrected to utarāyaṇakoṭiḥ by DY; yā koṭi S [25] °yaṇā S [26] uttara om. P_1S [27] kraṇa IV_1 [28] between ▷ and ◁: ···m ekaviṃśatya pradarśam P_1; ··· S [29] between ▷ and ◁: °koṭyāparato nīto IV_1; ···nāṃto P_1; ···nīto S [30] °ptaś P_1S [31] evaṃ P_1S [32] °thama P_1S [33] °ḍalaṃ pradeśe IV_1; apa om. P_1S

grahaḥ | evaṃ dakṣiṇāyane◁[1] vikṣepavaśād[2] viparītaṃ yojyam | ato[3] dakṣiṇottarāyaṇavaśād[4] yujyate dṛkkarma[5] prathamaṃ[6] yas- S p. 1650
mān[7] nirakṣadeśe[8] 'pi tat sambhavatīti |

dvitīyaṃ tu **dṛkkarma**[9] **caradalavat**[10] | yato[11] 'kṣavaśāt IV$_1$ 44v
tiryaktram[12] apamaṇḍalavimaṇḍalayor api[13] | tatra pūrvānītā[14] koṭir[15] apacīyate[16] svākṣachāyāvaśāt[17] | tad yathā | yadi ▷lamba-jyākoṭer[18] akṣajyātulyā[19] bhujā tad vikṣepakoṭeḥ[20◁21] kiyatī bhujā[22] bhavati | sā ca kṣitij⟨y⟩ā[23] bhavatīti | etat sarvaṃ[24] yathā-sthite[25] gole[26] pradarśayet ||

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[1] between ▷ and ◁: ··· P$_1$ corrected to ···yane by DY; S=DY [2] °vaśyād P$_1$ [3] ata IV$_1$ [4] °āyaṇācaśā IV$_1$; °āyaṇāvaśād P$_1$ [5] °karmma IV$_1$ [6] prathama P$_1$S [7] ··· P$_1$S [8] ··· rakṣadeśe P$_1$ [9] taddṛk° IV$_1$ [10] caradalaṃvat IV$_1$ [11] om. S [12] tiryaktam V$_1$; tiryaggaṃ P$_1$; tiryag···m S [13] avi P$_1$; ati S [14] pūrva° P$_1$ [15] koṭin IV$_1$; koṭik P$_1$; koṭiḥ S [16] apacīyatepacīyate (°yata V$_1$) IV$_1$ [17] rākṣochāyavaśāntaiḥ IV$_1$; vākṣe chāya° P$_1$S [18] °koṭir P$_1$ [19] °tulya P$_1$ corrected to °tulyā by DY [20] °koter uttarāyaṇā P$_1$ [21] between ▷ and ◁: laṃvakoṭe IV$_1$ [22] tujā IV$_1$ [23] kṣitijā IV$_1$P$_1$S [24] pūrvaṃ P$_1$S [25] °thitaṃ I; om. P$_1$S [26] golo P$_1$

XXI, 67–70

idānīṃ svadeśagolavinyāse[1] pañca[2] vṛttāni sthirāṇi tāni pradarśayati ||

kakṣāmaṇḍalatulyaṃ
prācyaparaṃ dakṣiṇottaraṃ kṣitijam |
unmaṇḍalaviṣuvanmaṇ-
ḍale sthirāṇi graharkṣāṇām[3] || XXI, 67 P₁ p. 84

kakṣāmaṇḍalatulyaṃ[4] prācyaparam | dvitīyaṃ[5] **dakṣiṇottaraṃ** tattulyam[6] eva | tṛtīyaṃ[7] **kṣitijaṃ** tattulyam eva | **tatronmaṇḍalaviṣuvanmaṇḍale**[8] tattulye eva | etāni pañca vṛttāni svadeśe sarvadaiva[9] **sthirāṇi**[10] grahāṇāṃ nakṣatrāṇāṃ ca | āsmābhir api tathaiva pradarśitāni ||

idānīṃ calavṛttāni pradarśayaty ekapañcāśat ||

mandoccānāṃ[11] sapto-
ccanīcavṛttāni pañca[12] śīghrāṇām |
pratimaṇḍalāni caivaṃ
pratyekaṃ[13] bhāskarādīnām || XXI, 68
dṛṅmaṇḍaladṛkkṣepā-
pamaṇḍalāni[14] kṣapākarādīnām[15] |
ṣaṭkaṃ[16] vimaṇḍalānāṃ
calavṛttāny[17] ekapañcāśat[18] || XXI, 69

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[1] °āso IV_1; °deśe gola° P_1S [2] paṃcā IV_1 [3] grahārkṣ° IV_1; om. P_1 [4] °tulya P_1 [5] om. P_1S [6] tat om. P_1S [7] tritīyaṃ IV_1 [8] yatronmaṃḍalaṃ viṣu° P_1 corrected to yatronmaṃḍalaviṣu° by DY; S=DY [9] sarvad eva P_1 [10] sthira P_1 [11] °doścāni IV_1; °doccāni P_1S [12] om. IV_1 [13] pratyaikaṃ S [14] dṛṅmaṃḍalādṛkkepāpamaṃḍalāti I; dṛṅmaṃḍalādṛpāpamaṃḍalāti V_1; °kṣepāmaṃḍalāni S [15] kakṣyākarā° V_1; kṣayākārā° P_1; kṣapāpakarā° S [16] ṣatka P_1 [17] cakṛtāny P_1 corrected to calavṛtāny by DY [18] anekapaṃcā° I; enekapaṃcā° V_1; °paṃcāśat P_1 corrected to °paṃcaśāt by DY

mandanīcoccavṛttāni[1] saptānāṃ grahāṇāṃ[2] sapta | bhaumādīnāṃ pañca śīghranīcoccavṛttāni[3] | evaṃ dvādaśa | **pratimaṇḍalāni**[4] **caivaṃ**[5] dvādaśānāṃ dvādaśaiva[6] | evaṃ[7] caturviṃśatiḥ[8] | tathā **bhāskarādīnāṃ**[9] **pratyekaṃ** dṛṅmaṇḍalaṃ[10] dṛkkṣepa- IV$_1$ 45r
maṇḍalam[11] apamaṇḍalaṃ ca[12] saptānām ekaviṃśatir[13] bhavati[14] | pūrvaiḥ saha pañcacatvāriṃśat[15] | tathā **kṣapākarādīnāṃ**[16] ṣaṇṇāṃ[17] **ṣaṭkaṃ**[18] **vimaṇḍalānām** | evaṃ[19] ▷pūrvaiḥ **sahaikapañcāśac**◁[20] **calavṛttāni**◁[21] | sthirāṇi pañca | evaṃ[22] ṣaṭpañcāśat | etair vinā kim api na jñāyate[23] | tataḥ ▷saṃkhyānayanaṃ[24] kṛtam[25] | anyatra vāsanāyā abhāvāt◁[26][27] saṃkhyaiva[28] na śakyate[29] vaktuṃ svāhorātrārdhāvayavakrāntivikṣepādimaṇḍalānām[30] ||

idānīṃ[31] golaprayojanādhyāyasya[32] cāryāsaṃkhyāṃ[33] pradarśayati ||

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[1] °kṛttāni P_1 corrected to °vṛttāni by DY [2] grahaṇaṃ P_1 [3] śīghrā° IV_1; śīghroccanīcakṛtāni P_1 [4] pratimamaṃḍa° S [5] cauvan V_1; caiva V_1 [6] °daśā IV_1 [7] ··· P_1 corrected to evaṃ by DY; ··· S [8] ···naviṣatiḥ P_1 corrected to caturviśatiḥ by DY; S=DY [9] °dīnā S [10] °ḍale S [11] dṛṅkṣepa° S [12] om. P_1S [13] eva··· P_1; e··· S [14] ···vatiḥ S [15] caṃtvāriṃśat I; paṃcatvāriṃśata P_1, °śata corrected to °śat by DY [16] °dīna S [17] ṣaṇāṃ P_1 [18] ṣaṭkāṃ I; ṣaṭka P_1S [19] eva P_1S [20] between ▷ and ◁: ··· P_1; om. S [21] ···kṛtāni P_1 corrected to ···vṛtāni by DY; vṛttāni S [22] eva P_1S [23] for na jñāyate: nājñāyate P_1 [24] °khyānataṃ IV_1 [25] kṛtaḥ m IV_1 [26] vāsanāyākṣe IV_1 [27] between ▷ and ◁: ···le P_1; ··· S [28] maṇḍalasaṃkhyaiva P_1S [29] sakyate P_1 [30] °maṃḍalanāmi IV_1; svaherardhāvayavakrāṃtivikṣepādi···maṃḍalā P_1, svaherardhā° corrected to svāherātrārdhā° and °ḍalā to °ḍalāna by DY [31] ··· P_1; om. S [32] ···adhyāyasya P_1; tathādhyāyasya S [33] cāryāśaṃkhyaṃ IV_1; caryasaṃkhyaṃ P_1 corrected to cāryāsaṃkhyāṃ by DY; ca āryāsaṃkhyā S

yat spaṣṭīkaraṇādyaṃ[1]
golād utprekṣya[2] ▷tat kṛtaṃ sarvam◁[3] |
golādhyāyaḥ[4] ▷sapta-
tyāryāṇām ekaviṃśo 'yam◁[5] || XXI, 70

yad[6] iha mayā svasiddhānte sphuṭagatyādikaṃ **kṛtam** upanibaddhaṃ tat[7] sarvaṃ golād ▷avagamya yuktimad[8] ity arthaḥ◁[9] | P_1 p. 85

evaṃ[10] mayā[11] golādhyāya ekaviṃśatitama āryāṇāṃ saptatyā nibaddha[12] iti || IV_1 45r l. 7; P_1 p. 85 i. 3; S p. 1650 l. –4

[1] illegible I; syaṣṭī° V_1; saṣṭī° P_1 [2] utpekṣya IV_1 [3] between ▷ and ◁: om. P_1 [4] golādhyāya P_1 but crossed out by DY [5] between ▷ and ◁: ··· P_1 [6] ···d P_1; golādhyāye vad S [7] tata P_1; tataḥ S [8] °mav I [9] between ▷ and ◁: e[p. 85]··· P_1; a··· S [10] evaṃ P_1 corrected to eva by DY [11] om. IV_1; ya P_1 corrected to maya by DY [12] °dham S