

गुरुत्व-प्रयत्न-संयोगानाम् उत्क्षेपणम् ॥१.१.२९॥

gurutva-prayatna-saṃyogānām utkṣepaṇam ||1.1.29||

Upward motion is of the combination between heaviness and effort.

vaiśeṣika-sūtram, kaṇāḍa kaśyap [~ 600 BC]

m Gen Pl
n Nom Sg
gurutva-prayatna-saṃyogānām utkṣepaṇam || 1.1.29 ||

Upward motion is of the combination between heaviness and effort.

Element		Type	Meaning	Formation
gurutva-	गुरुत्व-	Noun	heaviness	guru-tva-;guru-[Adj:'heavy','important'];-tva-[Abstact Noun~'x-ness']
prayatna-	प्रयत्न-	Noun	effort	pra-yatna-;pra[intensifier];yatna-[Action Noun of (yat) I 'to persevere']
saṃyoga-	संयोग-	Noun	combination	sam-guṇa(yuj)-a-;sam['together'];(yuj) VII 'to link';-a-[Noun/Adj]
utkṣepaṇa-	उत्क्षेपन-	Noun	upward motion	ut-kṣepana-;ut['upward'];kṣepaṇa-[Action Noun of (kṣip) VI 'to throw']

saṃyoga-m	Singular	Dual	Plural	utkṣepaṇa-n	Singular	Dual	Plural
Nominative	saṃyogaḥ	saṃyogau	saṃyogāḥ	Nominative	utkṣepaṇam	utkṣepaṇe	utkṣepaṇāni
Vocative	saṃyoga	saṃyogau	saṃyogāḥ	Vocative	utkṣepaṇa	utkṣepaṇe	utkṣepaṇāni
Accusative	saṃyogam	saṃyogau	saṃyogān	Accusative	utkṣepaṇam	utkṣepaṇe	utkṣepaṇāni
Instrumental	saṃyogena	saṃyogābhyām	saṃyogaiḥ	Instrumental	utkṣepaṇena	utkṣepaṇābhyām	utkṣepaṇaiḥ
Dative	saṃyogāya	saṃyogābhyām	saṃyogebhyaḥ	Dative	utkṣepaṇāya	utkṣepaṇābhyām	utkṣepaṇebhyaḥ
Ablative	saṃyogāt	saṃyogābhyām	saṃyogebhyaḥ	Ablative	utkṣepaṇāt	utkṣepaṇābhyām	utkṣepaṇebhyaḥ
Genitive	saṃyogasya	saṃyogayoḥ	saṃyogānām	Genitive	utkṣepaṇasya	utkṣepaṇayoḥ	utkṣepaṇānām
Locative	saṃyoge	saṃyogayoḥ	saṃyogeṣu	Locative	utkṣepaṇe	utkṣepaṇayoḥ	utkṣepaṇeṣu

गुरुत्वप्रयत्नसंयोगानामुत्क्षेपणम् ॥१.१.२९॥

gurutvaprayatnasamyogānāmutkṣepaṇam ||1.1.29||

vaiśeṣika-sūtram, kaṇāḍa kaśyap [~ 600 BC]