शिखागोविश्वविद्यालये

प्रारम्भिकसंस्कृतम्

FIRST-YEAR SANSKRIT

AT THE UNIVERSITY OF CHICAGO

CC BY SA

अल्लटाचार्योद्भावितः पाठक्रमः

Designed by Andrew Ollett

śivasūtrāṇi

THE ŚIVASŪTRAS

॥वृद्धिः॥
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THE ŚIVASŪTRAS

These are a set of *sūtra*s (short sentences intended to be memorized) that generate the speech-sounds of the Sanskrit language.

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THE ŚIVASŪTRAS

They are popularly called the Śivasūtras (or, equivalently, the Mahēśvarasūtras) because legend holds that the god Śiva revealed them to Pāṇini, the author of the earliest surviving Sanskrit grammar.

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THE ŚIVASŪTRAS

They are also called *akṣarasamāmnāyaḥ*, “the traditional recitation (*samāmnāyaḥ*) of speech sounds (*akṣara-*).”

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THE ŚIVASŪTRAS

They are organized as follows:

- one or more speech-sounds (in the case of consonants, they are followed by the vowel *a*);
- one “index sound” (*anubandhaḥ*).

This pattern repeats fourteen times.

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THE ŚIVASŪTRAS

The principle of the *Śivasūtra*s is forming *pratyāhāra*s, which are very short words consisting of (a) one speech-sound, and (b) one index sound. These words then represent **all of the speech-sounds** between the initial speech-sound and the index-sound.

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THE ŚIVASŪTRAS

Hence from the first *sūtra*:

a i u Ṇ

We can form the following sets:

- aṆ = { a, i, u }
- iṆ = { i, u }
- uṆ = { u }

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THE ŚIVASŪTRAS

Hence from the first *sūtra*:

a i u Ṇ

We can form the following sets (+ long vowels):

- aṆ = { a, ā, i, ī, u, ū }
- iṆ = { i, ī, u, ū }
- uṆ = { u, ū }

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THE ŚIVASŪTRAS

To refer to a vowel of a given length (long or short), Pāṇini uses the special index-sound *T*. Hence:

- aT = { a } (*not* ā!)
- āT = { ā } (*not* a!)

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

aC
vowels

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

haL
consonants

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

yaṆ
semivowels

॥वृद्धिः॥
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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

śaR
sibilants

॥वृद्धिः॥
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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

jhaL
obstruents

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

jhaŚ
voiced stops

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svárāḥ

VOWELS

					a	i	u	Ṇ
						ṛ	ḷ	K
						ē	ō	Ṅ
						ai	au	C
				ha	ya	va	ra	Ṭ
							la	Ṇ
			ña	ma	ṅa	ṇa	na	M
						jha	bha	Ñ
					gha	ḍha	dha	Ṣ
			ja	ba	ga	ḍa	da	Ś
kha	pha	cha	ṭha	tha	ca	ṭa	ta	V
						ka	pa	Y
					śa	ṣa	sa	R
							ha	L

jaŚ
voiced unaspirated stops

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śivasūtrāṇi

THE ŚIVASŪTRAS

Now we can understand the first *sūtra* of Pāṇini's grammar, the *Aṣṭādhyāyī* (*Eight Chapters*):

vr̥ddhírādaic (1.1.1)

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śivasūtrāṇi

THE ŚIVASŪTRAS

Now we can understand the first *sūtra* of Pāṇini's grammar, the *Aṣṭādhyāyī* (*Eight Chapters*):

vr̥ddhíḥ āT-aiC (1.1.1)

॥वृद्धिः॥
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śivasūtrāṇi

THE ŚIVASŪTRAS

Now we can understand the first *sūtra* of Pāṇini's grammar, the *Aṣṭādhyāyī* (*Eight Chapters*):

vr̥ddhíḥ āT-aiC (1.1.1)

"The sounds encompassed in the sets *āT* (= *ā*) and *aiC* (= *ai*, *au*) are called by the technical term *vr̥ddhíḥ*."

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