

शिखागोविश्वविद्यालये

प्रारम्भिकसंस्कृतम्

FIRST-YEAR SANSKRIT

AT THE UNIVERSITY OF CHICAGO



अल्लटाचार्योद्भावितः पाठक्रमः  Designed by Andrew Ollett



svārāḥ **VOWELS**



svārāḥ **VOWELS**

Format:

- 1) Some of the **principles**: quality, quantity, gradation
- 2) Complete vowel inventory and pronunciation guide
- 3) Vowels in the *Śivasūtras*



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What is a vowel?



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What is a vowel?

phonological definition:

→ anything that can make up a syllable on its own



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Vowel inventory



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a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au



svārāḥ **VOWELS**

Quantity: Long vowels (*dīrghāḥ*)

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au



svārāḥ **VOWELS**

Quantity: Long vowels (*dīrghāḥ*)

a ā i ī u ū ṛ ṝ ḷ ḹ ē āi ō āu



svārāḥ **VOWELS**

Quantity: Short vowels (*hrasvāḥ*)

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au



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Gradation: Simple vowels

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au



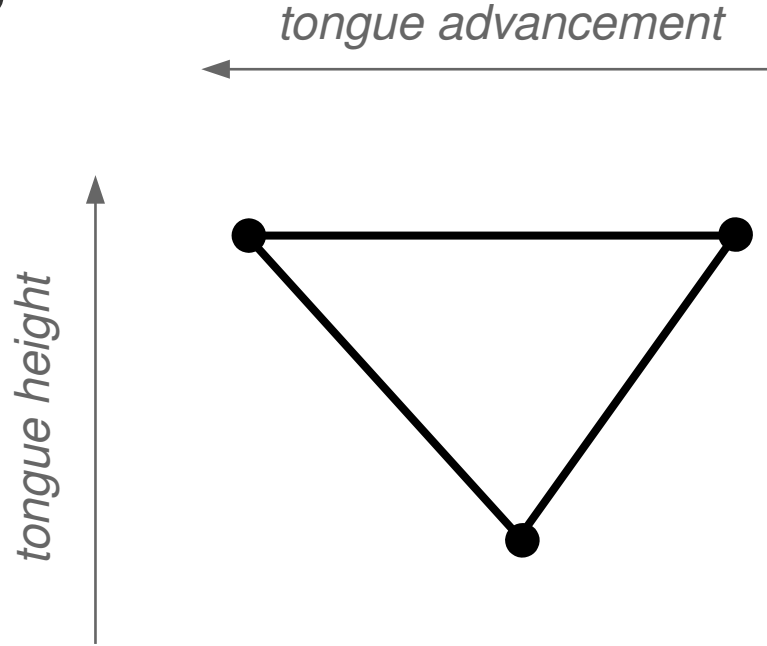
svārāḥ **VOWELS**

Gradation: Complex vowels (“Diphthongs”)

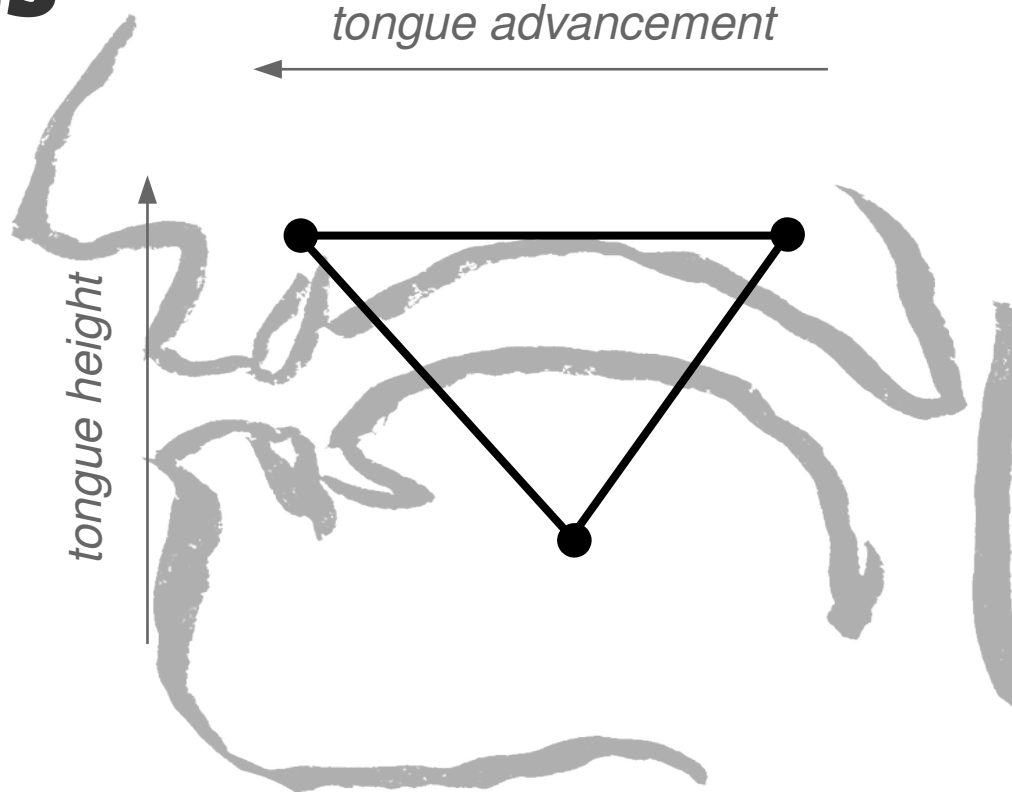
a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au



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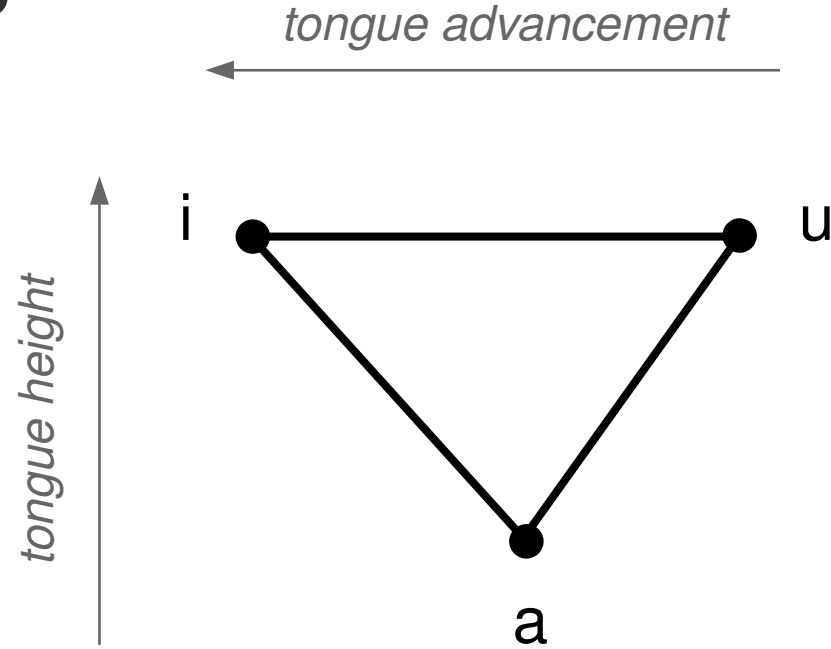


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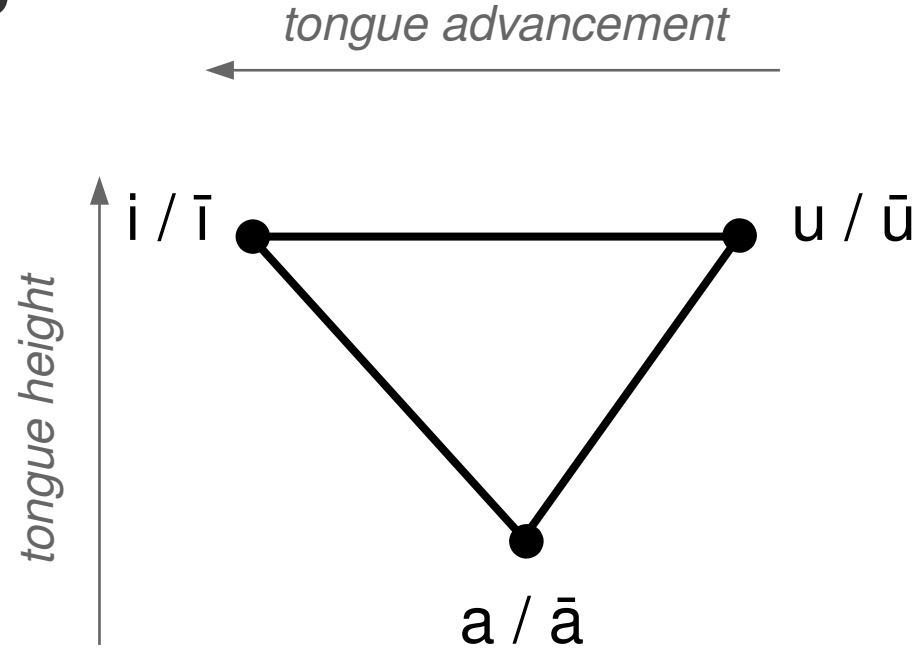




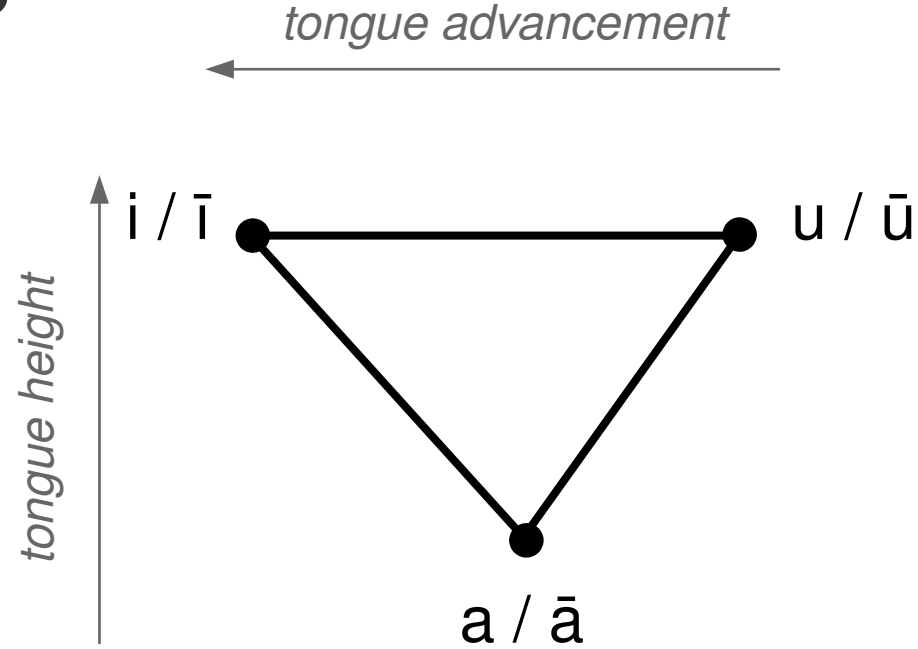
svārāḥ **VOWELS**



svārāḥ **VOWELS**

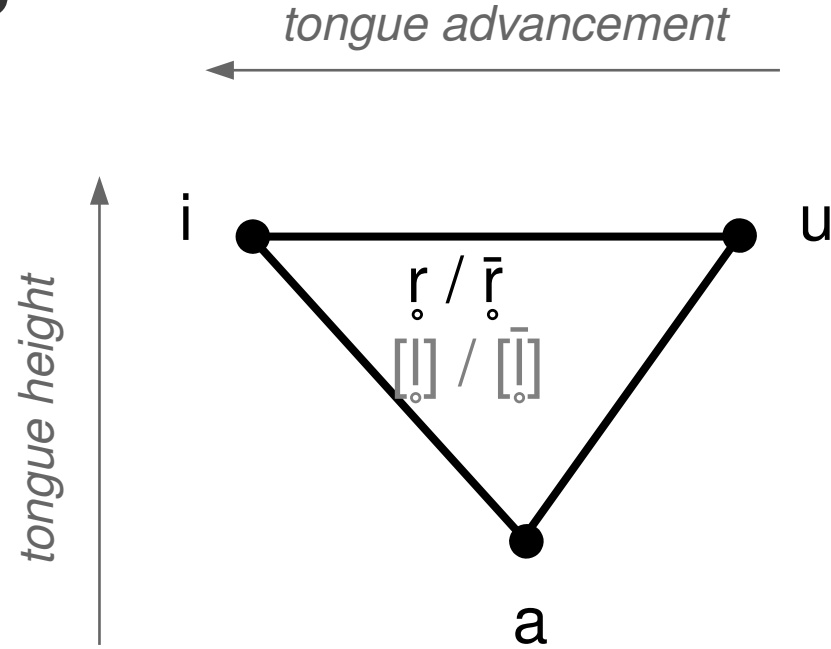


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svārāḥ **VOWELS**





svārāḥ **VOWELS**

Vowel gradation



svārāḥ **VOWELS**

i

u

r

!



svārāḥ **VOWELS**

a + i

a + u

a + ṛ

a + Ṛ



svārāḥ **VOWELS**

a + ∅

a + i

a + u

a + ṛ

a + ṝ



svārāḥ **VOWELS**

a + ∅ → a

a + i → ē

a + u → ō

a + ṛ → ar

a + ḷ → al



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guṇāḥ



a + ∅ → a

a + i → ē

a + u → ō

a + ṛ → ar

a + ḷ → al



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full grade



a + ∅ → a

a + i → ē

a + u → ō

a + ṛ → ar

a + ḷ → al



svārāḥ **VOWELS**

	<i>zero grade</i>		<i>full grade</i>
	↓		↓
a +	∅	→	a
a +	i	→	ē
a +	u	→	ō
a +	ṛ	→	ar
a +	Ṛ	→	al



svārāḥ **VOWELS**

	<i>zero grade</i>		<i>full grade</i>
	↓		↓
a +	∅	→	a
a +	ī	→	ē
a +	ū	→	ō
a +	ṛ	→	ar
a +	Ṛ	→	al



svārāḥ **VOWELS**

i

u

r

!



svārāḥ **VOWELS**

a + a + ∅

a + a + i

a + a + u

a + a + ṛ

a + a + ṝ



svārāḥ **VOWELS**

ā + ∅

ā + i

ā + u

ā + ṛ

ā + ṝ



svārāḥ **VOWELS**

ā + ∅ → ā

ā + i → ai

ā + u → au

ā + ṛ → āṛ

ā + ḷ → āḷ



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vṛddhiḥ



ā + ∅ → ā

ā + i → ai

ā + u → au

ā + ṛ → āṛ

ā + ḷ → āḷ



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lengthened grade



ā +	∅	→	ā
ā +	i	→	ai
ā +	u	→	au
ā +	ṛ	→	ār
ā +	ḷ	→	āl



svārāḥ **VOWELS**

lengthened grade



ā +	∅	→	ā
ā +	ī	→	ai
ā +	ū	→	au
ā +	ṛ	→	ār
ā +	ṝ	→	āl



svárāḥ

VOWELS

—	<i>guṇāḥ</i>	<i>vṛddhiḥ</i>
zero grade	full grade	lengthened grade
Ø	a	ā
i / ī	ē	ai
u / ū	ō	au
ṛ / ṝ	ar	ār
ḷ / Ṽ	al	āl



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Examples



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[e] as in but

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Bhagavadgītā

Bhagavad Gītā

Bharataḥ

Bharata (a name)

Haraḥ

Hara (a name of Śiva)

Kamalā

Kamalā (a name of Lakṣmī)



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[a:] as in mom

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Rāmāyaṇam

Rāmāyaṇa

Mahābhāratam

Mahābhārata

Rājā

king

āsanam

seat; position



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[i] as in **beat**

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Śivaḥ

Siddhaḥ

Ahiṁsā

Yudhiṣṭhiraḥ

Śiva

Someone with magic powers

Non-violence

Yudhiṣṭhira



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[i:] as in bead

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Sītā

Lakṣmīḥ

Śrīḥ

hastī

Sītā

Lakṣmī, wealth

wealth, prosperity

elephant



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VOWELS

[u] as in **boot**

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Buddhaḥ

Buddha

Guptaḥ

Gupta ("protected")

uktiḥ

expression

Uṣāḥ

Dawn



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VOWELS

[u:] as in **boon**

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

ulūkaḥ

owl

krūraḥ

cruel

vyūhaḥ

army



svārāḥ

VOWELS

[ɹ] as in teacher

alternatively: [ɹi] or [ɹu]

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Bhartṛhariḥ

name of a poet

Mātr̥cēṭaḥ

name of a poet

saṁskṛtam

Sanskrit

ṛtvik

a sacrificing priest



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a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

pitṝṇ

fathers (acc. pl.)



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VOWELS

[ɪ] as in little

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

kḷptaḥ

fashioned



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a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au





svārāḥ

VOWELS

[e:] as in **may**

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

dēvaḥ

god

maitrēyaḥ

name of a Buddha

sēvā

service

namas tē

“reverence to you”



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VOWELS

[aṁ] as in **eye**

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Jainaḥ

Jain (of or relating to the Jina)

Śaivaḥ

Shaiva (of or relating to Śiva)

Maithilī

a name of Sītā (“of Mithilā”)

vaiyākaraṇaḥ

a grammarian



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VOWELS

[o:] as in go

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Aśvaghōṣaḥ

name of a poet

kōśaḥ

storehouse

saṁtōṣaḥ

satisfaction

yōgaḥ

junction



svārāḥ

VOWELS

[aṽ] as in vowel

a ā i ī u ū ṛ ṝ ḷ ḹ ē ai ō au

Bauddhaḥ

Buddhist (of the Buddha)

Saugataḥ

Buddhist (of the Sugata)

krauñcaḥ

Sarus crane

kautukam

curiosity



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Vowels in the *Śivasūtras*



svārāḥ **VOWELS**

a	i	u	Ṛ
	ṛ	ṝ	Ṝ
	ē	ō	Ṝ
ai	au		Ṝ



svárāḥ **VOWELS**

a	i	u	Ṇ
	ṛ	Ṛ	Ḳ
	ē	ō	ṅ
ai	au		C

aC = vowels

$iK = i, \bar{i}, u, \bar{u}, r, \bar{r}, ṛ, Ṛ$

$a + ēṅ = guṇāḥ$ vowels

$\bar{a} + aiC = vrddhīḥ$ vowels

