

Shona: Word External Tonology (Odden 1981)

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Sandhi Lowering

		ákapá	'he gave'
		mukúru	'large'
murúme	'man'	murú <u>me</u> ákapá	'the man gave'
húkútú	'hard'	há <u>ri</u> húkútú	'hard pot'
ndakápa	'I gave'	ndaká <u>pa</u> hári	'I gave a pot'
hári	'pot'	ndakápa murú <u>me</u> hári	'I gave the man a pot'

No Sandhi Lowering

badzá	'hoe'
rākatórwá	'it was taken'
badzá rākatórwá	'the hoe was taken'
ákapá hári	'he took the pot'
ákapá badzá	'he took the hoe'
ndakápá murúmé	'I gave the man'

Sandhi Lowering in Monosyllabic Words

ánodá	'he wants'
mbwá	'dog(s)'
tsvá	'new'
ánodá mbwá	'he wants a dog'
ánodá mbwa húrú	'he wants a large dog'
ndakápa mbwá	'I gave a dog'
ndakápa mbwá tsvá	'I gave a new dog'
ndakápa mbwá tsva húrú	'I gave a big new dog'

No Sandhi Lowering in Non-final Position

ánodá hárí 'he wants a pot'

*ánodá hárí

haákapútsisá hárí 'he didn't smash a pot'

*haákapútsisá hárí

Sandhi Lowering Rule

$$H \rightarrow L / H \text{ (\#) } \underline{\quad} \#H$$

Sandhi Raising

munhu	'person'
akabika	'and then he cooked'
zviringó	'water pots'
zvina	'four (Class 8)'
kumushá	'to the village'
ndakámútúmá	'I sent him'
Chipó <u>á</u> kabika	'and then Chipo cooked'
ndakámútúmá <u>k</u> umushá	'I sent him to the village'
zviringó <u>z</u> vina	'four water pots'
ndakátúmá <u>z</u> viringó	'I sent pots'
ndakátúmá <u>m</u> unhu	'I sent the person'

No Sandhi Raising

badzá	'hoe'
mukómaná	'boy'
ndakáténgá	'I bought'
ndakábíkira	'I cooked for'
ndakábíkira <u>munhu</u>	'I cooked for a person'
ndakáténgá <u>badzá</u>	'I bought a hoe'
ndakáóná <u>mukómaná</u>	'I saw the boy'

Optional Sandhi Raising

bwe	'stone'
mbwe	'tsoro piece'
âkaóná <u>bwe</u>	'he saw a stone'
âkaóná <u>bwé</u>	id.
âkatórá <u>mbwe</u>	'he took a tsoro piece'
âkatórá <u>mbwé</u>	id.
âkatórá <u>mbwe</u> yandâkaténga	'he took the tsoro piece that I bought'
âkatórá <u>mbwé</u> yandâkaténga	id.

No Sandhi Raising in Monosyllabic Words

ákaóná bwe gúrú

'he saw a large stone'

*ákaóná bwé gúrú

ákatórá mbwe dzángú

'he took my tsoro pieces'

*ákatórá mbwé dzángú

Sandhi Raising Rule

$$L \rightarrow H / H\# \text{ ____ } \langle \# \rangle \left\{ \begin{array}{l} L \\ \# \end{array} \right\} \quad \langle \text{optional} \rangle$$

Question Lowering

unózívá murúmé

'you know the man'

unózívá murúme

'do you know the man?'

wakátórá

'you took'

wakátóra

'did you take?'

ákapá

'he gave'

ákapa

'did he give?'

Question Lowering Rule

H → L / _____## ? (optional)

H-Tone Clitics

wó 'also', 'polite'

zvé 'again'

í 'wh-Question'

sá 'too'

ká 'emphatic'

H-Tone Clitics in Context

âkapâ-wo	'he gave too'
âkapâ-zve	'he gave again'
âkapâ-ka	'he really did give'
âkapê-i	'what did he give'
âkáénda-wô	'he went too'
âkáénda-zvé	'he went again'
âkáénda-ká	'he really did go'
âkábíke-í	'what did he cook'
pfúpi-sá	'too short'
ndefú-sa	'too long'

Clitic Lowering Rule

$$\begin{array}{c} \text{H} \\ [+clit] \end{array} \rightarrow \text{L} / \text{H\#} \underline{\hspace{2cm}}$$

L-Tone Clitics

ndakāēnda-ko

'I went there'

ndakātōrā-pō

'I took there'

ndakāōnā mūhu-ko

'I saw a person there'

ākandīōnā-mó

'he saw me there'

Clitic Raising Rule

L → H/ H# _____
[+clit]

Rule Ordering: Sandhi Lowering \succ Sandhi Raising

ndakátórá chirongó

underlying

NA

Sandhi Lowering

ndakátórá chirongó

Sandhi Raising

(Correct Derivation)

Rule Ordering: Sandhi Lowering \succ Sandhi Raising

ndakátorá chirongó

underlying

ndakátorá chirongó

Sandhi Raising

*ndakátóra chirongó

Sandhi Lowering

(Incorrect Derivation)

Rule Ordering: Sandhi Raising \succ Question Lowering

ákapá b̄nizá

underlying

NA

Sandhi Raising

ákapá bhiza

Question Lowering

'did he give a horse'

(Correct Derivation)

Rule Ordering: Sandhi Raising \succ Question Lowering

ākāpā bhizā

underlying

ākāpā bhizā

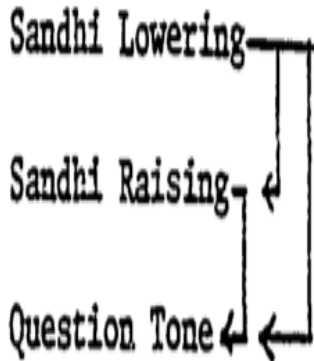
Question Lowering

*ākāpā bhizā

Sandhi Raising

(Incorrect Derivation)

Rule Ordering: Summary



Clitic Lowering & Sandhi Raising

ndakāēnda-wó kúmushá

'I also went to the village'

ākābika-wó sādza

'he also cooked sadza'

ākatōra-ká sādza

'he really did cook sadza'

handākārimá-wo mūmundā

'I didn't plow in the field too'

haākāendā-zve kumundā

'he didn't go to the field again'

ākapá-zve sadza

'he gave sadza again'