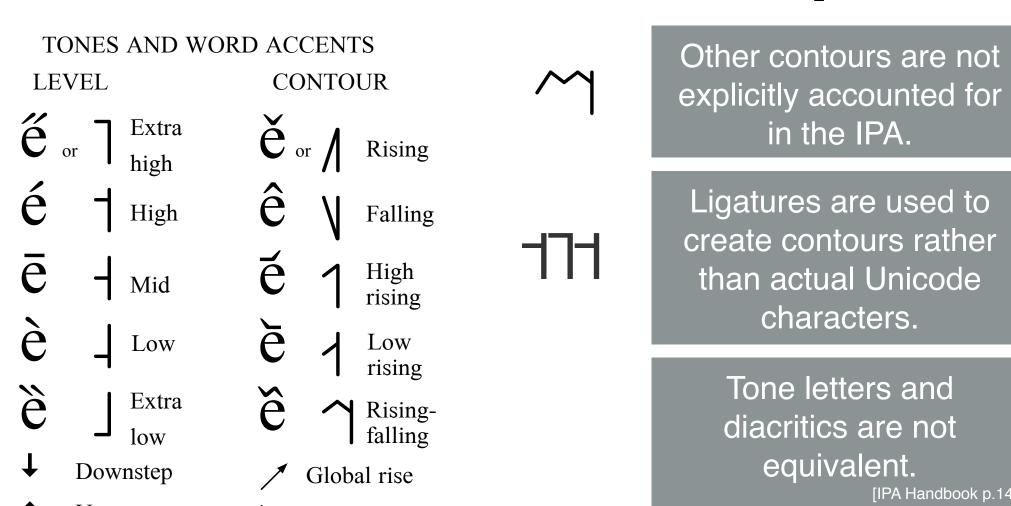


Phonetic Transcription of Tone in the IPA

Hugh Paterson III

1

The IPA provides five tone levels for transcription.



4

Pitch heights.

Do these work? are there enough?

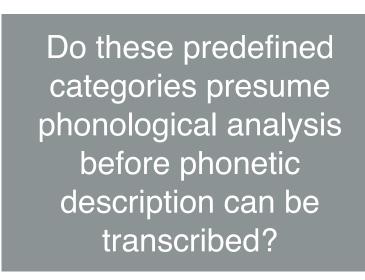


Phonological or phonetic transcription?

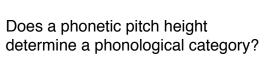
The tone letter system presumes that there are only five pitch heights within the human production spectrum.

Global fall

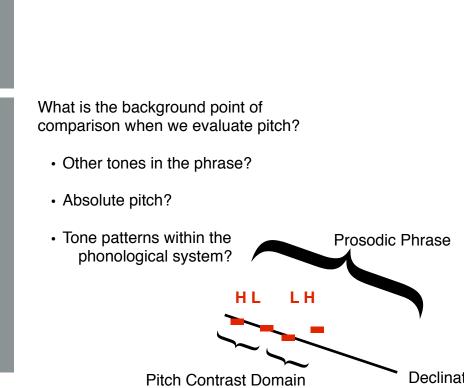
Are tonal contrasts contrasting with segments, or with other pitches in the prosodic unit?



([]) or (//) can apply
to transcriptions, but
does our choice of
representative symbol
already presume an
analysis?

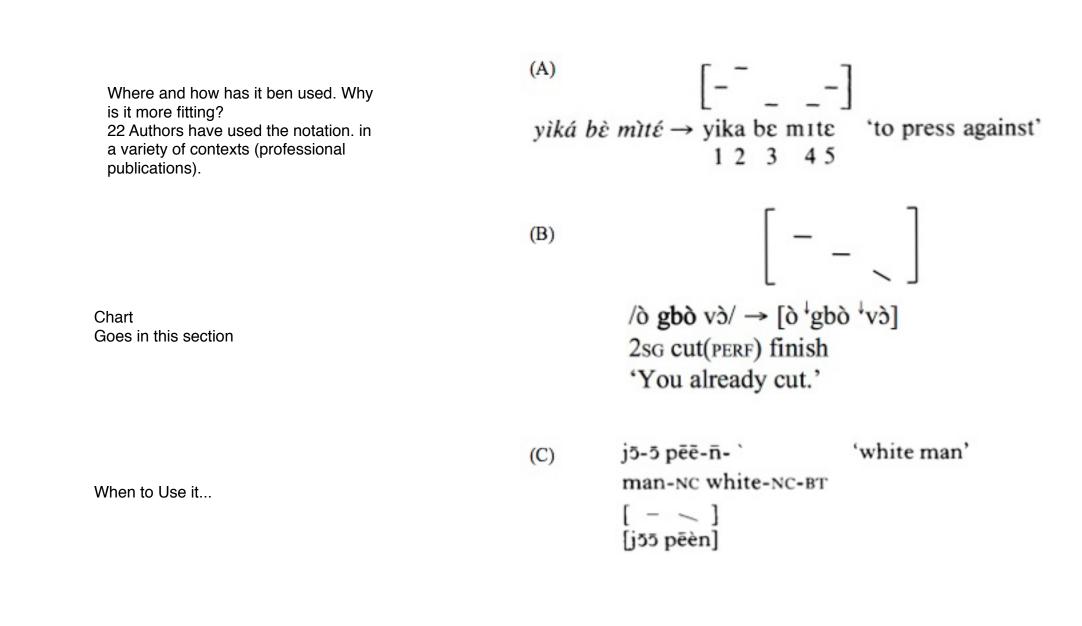


Should we have one Unicode



5

Bar notation.



3

Pitch heights: Are five levels of enough?



	Phonetic pitch height	2+ contours	Iconic pitch height	Segmental attachment
Tone letter	-	+	+	-
Diacritic	-	-	-	+
Bar notation	+	+	+	-/+

Six levels of pitch

Languages with six levels of *level pitch*Chori [cry] - Africa

Benč⁴ non⁴ (Gimira) [bcq] - Africa

Languages with *contours* establishing six levels of pitch
Cantonese [yue] - Asia
San Juan Quiahije Chatino [cpt] - Mexico
Itunyoso Trique [urh] - Mexico

Languages with *Upstep* or *Downstep* creating six levels of pitch

Southern Puebla Mixtec (Upstep) [mit] - Mexico Engenni (Upstep) [enn] - Africa Coatzospan Mixtec (Downstep) [cpt] - Mexico

Limited contours in the IPA

Languages with three or more *rising* contours

San Juan Quiahije Chatino [cpt] - Mexico

Western Highland Chatino [ctp] - Mexico

San Juan Copala Trique [trc] - Mexico

Languages with three or more *falling* contours
Western Highland Chatino [ctp] - Mexico
Itunyoso Trique [urh] - Mexico
连云港 Lian-Yun-Gang Dialect [und] - Asia
Jalapa Mazatec [maj] - Mexico

How are we to describe the pitch contours in languages with more than three contours?

insufficient distinctions to cover the

contours across the world's

languages.

Some languages are

claimed to have six

pitch levels.

Which diacritics are we to use when we need to indicate more than three pitch contours in a single direction?

Interact and comment!

Read the paper! Extensive
References and citations in the
paper.

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