October 30th, 2024

LIN 103A - Lawyer

Practice for Questions 1-3 on HW4:

Translate the following rules into a sentence in English that explains what it does (for example, something like "final stops are devoiced after high vowels").

$$\underline{\text{Example:}} \ [+syllabic] \rightarrow [-voice] \ / \ \begin{bmatrix} -syllabic \\ -voice \\ -delayed \ release \end{bmatrix} \ _ \ \begin{bmatrix} -syllabic \\ -voice \\ -delayed \ release \end{bmatrix}$$

The rule in the example above would be translated as: **Devoice vowels between voiceless stop consonants.**

$$\underline{\frac{\text{Practice Q1:}}{-\text{sonorant}}} \begin{bmatrix} -\text{syllabic} \\ +\text{continuant} \\ -\text{sonorant} \\ +\text{labiodental} \end{bmatrix} \rightarrow \emptyset \text{ / } \underline{\qquad} [e]$$

$$\frac{\text{Practice Q4:}}{\text{Practice Q4:}} \emptyset \rightarrow \begin{bmatrix} +syllabic \\ +high \end{bmatrix} / \begin{bmatrix} -syllabic \\ +distributed \\ +anterior \end{bmatrix} \underline{\hspace{1cm}}$$

.....

"Check Your Underst	anding" About Rules and Featu	ures (Practice for HW4, Questions 4 + 5):
between vowels, unlike	·	ere one allophone always appeared he rule below no longer a full-credit earn full-credit?
	$/r/ \rightarrow [r] / [+vowel] _$	[+vowel]
	way of summarizing this allop	s appearing between vowels. Why is the hone's environment? What is a strategy
	$/r/ \rightarrow [r] / [-consonantal] \$	[-consonantal]
(i.e., the sounds never a Allophone X only appear	ars before [u] and [v]; Allopho	lophones in complementary distribution ts). You eventually figure out that ne Y only appears before [i], [i], [e], [e], else (before [d], [z], [g], [\int], [I]).
a. Among the 3 allophor	nes, which is the more likely u	nderlying phoneme and why?
•	ribe the distributions of Alloph on the IPA chart and not writing	nones X and Y in plain speaking (i.e., just g any rules).
c. How would you write	e a rule to explain the distributi	on of Allophone X?
d. Why is writing a rule this rule?	for the distribution of Allopho	one Y more difficult? How should we write
·	, ,	llophone/allomorph (Y) before <i>two</i> . How would you write this as a rule?