

Rule Formalizations

1. Unconditioned rule: $X \longrightarrow Y$
2. Conditioned rule: $X \longrightarrow Y / W \text{ _____ } Z$
3. Conventions
 - a. \emptyset = “nothing”
 - b. $\#$ = word-boundary
 - c. $+$ = morpheme boundary
 - d. C = any consonant ($[-\text{syllabic}]$)
 - e. V = any vowel ($[+\text{syllabic}]$)
 - f. \bar{V} = stressed vowel ($[+\text{syllabic}, +\text{stress}]$)
 - g. C_0 = zero or more consonants
4. Examples:
 - a. $V \longrightarrow \text{voiceless} / \text{ _____ } \#$
 - b. $C \longrightarrow \text{voiced} / V \text{ _____ } V$
 - c. $\text{voiceless stop} \longrightarrow \text{aspirated} / \# \text{ _____ }$
 - d. $C \longrightarrow \emptyset / \text{ _____ } C_0 \#$