

24.901. Solutions Homework #1

- (1) Georgian. Chapter 1. Exercise 1. Page 42.

$$\begin{bmatrix} +lateral \\ +back \end{bmatrix} \rightarrow [-back] / _ _ \begin{bmatrix} -cons \\ -back \end{bmatrix}$$

Velarized Lateral becomes clear preceding front vowels.

- (2) Greenlandic. Chapter 1. Exercise 3. Page 43.

a. $[-cons] \rightarrow [-high] / _ _ [+uvular]$

b. $[-cons] \rightarrow [-high] / _ _ \#$

/a, i, u/ are the underlying vowels. High vowels become $[-high]$ at the word end and preceding uvulars.

- (3) Mohawk. Chapter 1. Exercise 4. Page 43.

$$\begin{bmatrix} -cons \\ +stress \end{bmatrix} \rightarrow [+long] / _ _ \bullet$$

Vowels in open syllables become long when stressed.