

Assignment 1

Due Monday 2-7 2005

Analyze the following data using the Correspondence theory of McCarthy and Prince 1995. Identify any problematic results for the theory and propose additions or modifications, but only if needed. Justify any additions or modifications by showing that the theory, as presented in McCarthy and Prince 1995, fails to yield some desired mapping between related representations.

You may assume that casual speech is subject to a different constraint hierarchy from careful speech.

Careful		Casual	Gloss
cu-ə	->	[co:]	'to give'
pe-ə	->	[pe:]	'to cut'
kæ-ə	->	[kæ:]	'to fold'
na-eke	->	[næ:ke]	'to you'
kwemul	->	[kømul]	'monster'
weka	->	[øka]	'grandparent's'
wisən ->		[ysən]	'hypocrisy'
pjə	->	[pe]	'rice'
p'jam	->	[p'æm]	'cheek'
tojaci	->	[twæ:ci]	'pig'