

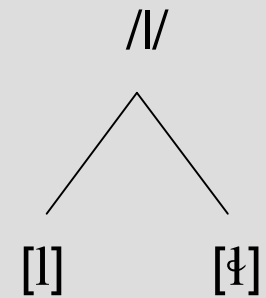
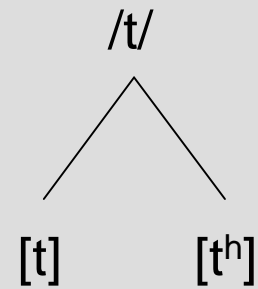
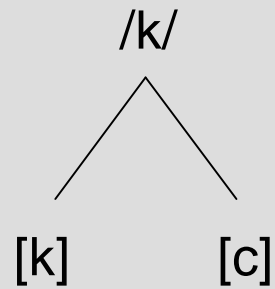
Review

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Phonology

Phonemes

Allophones



Minimal pairs

heat	beat
heat	hit
fan	van
tip	dip

The structure of words

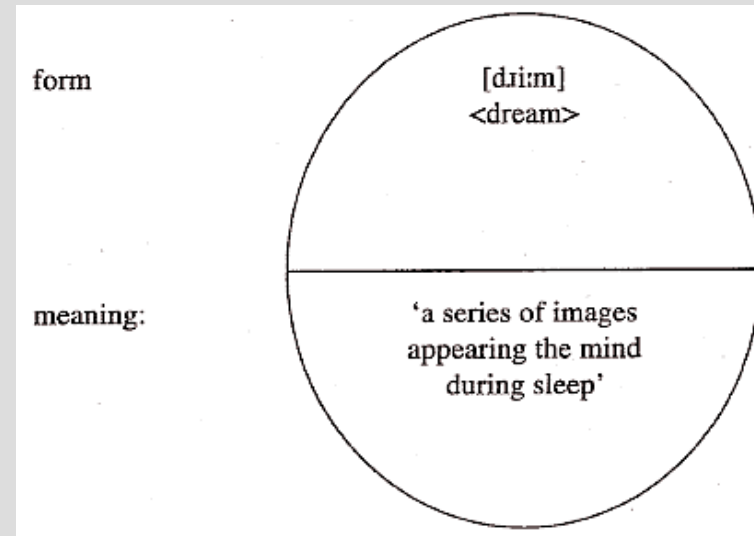
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Morphemes

A morpheme is the smallest linguistic unit that has meaning.

- (1) cars
- (2) reconsider
- (3) overgeneralization

A morpheme is a linguistic symbol



Morphemes

interest
interdict
interchange
interplay

defer
deter
derail
deregulate

predict
prepare
precut
predetermine

blueberry
strawberry
blackberry
cranberry

Morphemes

	Free	Prefix	Suffix
cats			
walking			
returned			
disability			
overgeneralization			

Morphemes

	Free	Prefix	Suffix
cats			
walking			
returned			
disability			
overgeneralization			

Morphemes

	Free	Prefix	Suffix
cats	cat		-S
walking			
returned			
disability			
overgeneralization			

Morphemes

	Free	Prefix	Suffix
cats	cat		-s
walking	walk		-ing
returned			
disability			
overgeneralization			

Morphemes

	Free	Prefix	Suffix
cats	cat		-s
walking	walk		-ing
returned	turn	re-	-ed
disability			
overgeneralization			

Morphemes

	Free	Prefix	Suffix
cats	cat		-s
walking	walk		-ing
returned	turn	re-	-ed
disability	able	dis-	-ity
overgeneralization			

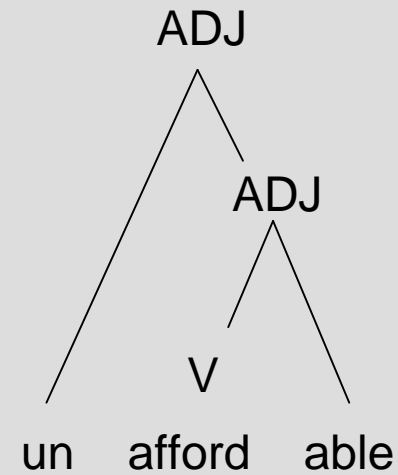
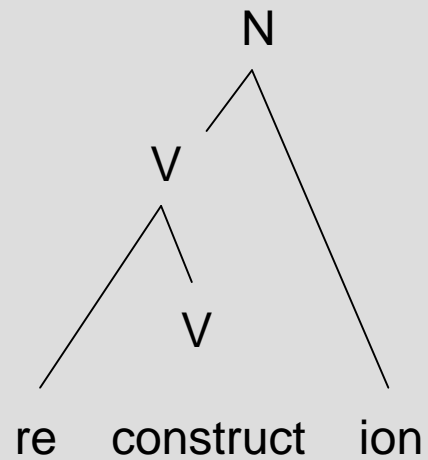
Morphemes

Infix (Bontonc, Philippines)

fikas	‘strong’ (N/ADJ)	f-um-ikas	‘to be strong’ (V)
kilad	‘red’ (N/ADJ)	k-um-ilad	‘to be red’ (V)
fusul	‘enemy’ (N/ADJ)	f-um-usul	‘to be an enemy’ (V)

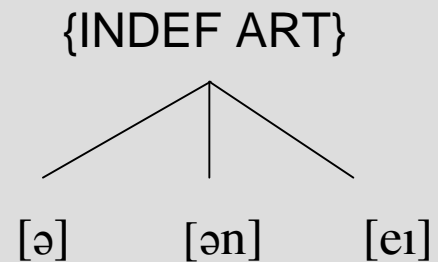
Tree diagrams

- (1) reconstruction
- (2) unaffordable



Allomorphy

- | | |
|--|------------|
| (1) There is a dog over there. | [ə dɑg] |
| (2) He is recovering from an illness. | [ən ɪlnəs] |
| (3) I said ' a ' dog, not 'the' dog. | [eɪ dɑg] |



Allomorphy

cats	[s]	-> after voiceless consonants
dogs	[z]	-> after voiced speech sounds
bushes	[əz]	-> after sibilants [s, z, ʃ, ʒ, tʃ, dʒ]

goose	geese	-> vowel change
fish	fish	-> zero morpheme
ox	oxen	

writer	[r]
editor	[r]
liar	[r]

cats	[s]
Frank's	[s]
walks	[s]

Allomorphy

Imped
serene

impediment
serenity

[ɪmpɪd]
[sɪrɪn]

[ɪmpɛdɪmənt]
[sɪrɛnɪti]

derive
divine

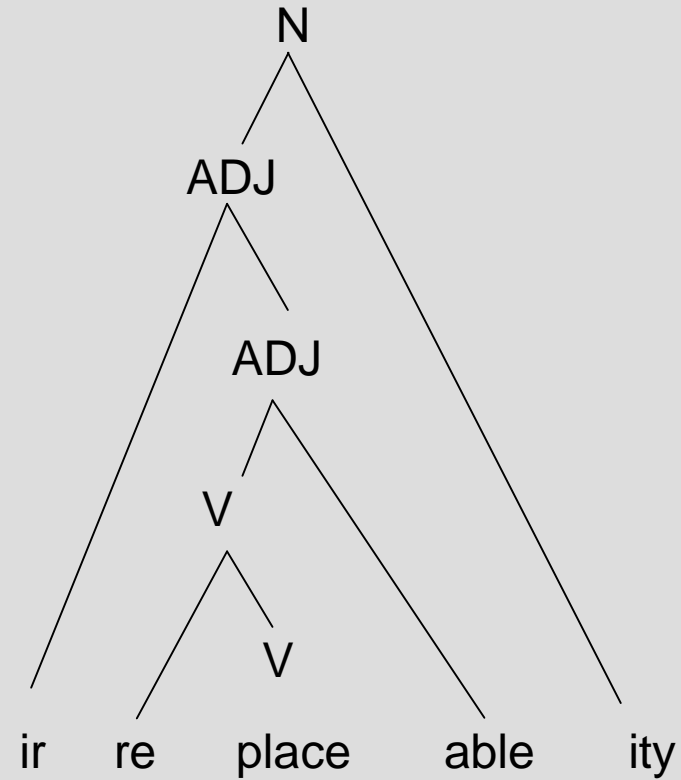
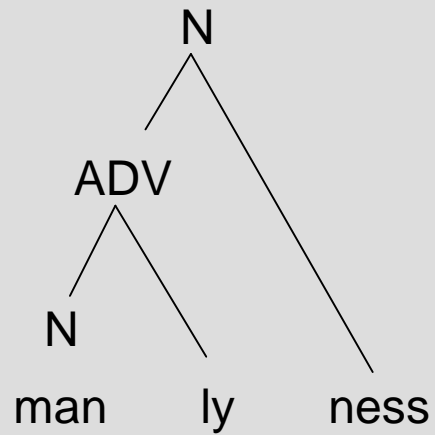
derivative
divinity

[dɪraɪv]
[dɪvaɪn]

[dɪrɪvɪtɪv]
[dɪvɪnɪti]

morphologically conditioned allomorphy

Tree diagrams



Tree diagrams

