

1. stress has no invariant phonetic correlates: intensity, duration, pitch
2. sources of data: i) speaker judgments: America, Alabama, hurricane, Tennessee, pontoon, carbide, permit (v), permit (n), Apalachicola, Constantinople, sensationality; ii) phonological processes: vowel reduction, flapping ('atom vs. at'omic)--loss of contrast (Italian, Shanghai Chinese); iii) site of nuclear pitch accents in intonation tunes.

assimilation declarative	assimilation interrogative	assimilation "predictable"
preliminary	preliminary	preliminary
monsoon	monsoon	monsoon

3. some cross-linguistic properties that distinguish stress from other phonological features like nasality

- i) greater than binary distinctions
- ii) never assimilated
- iii) apparent nonlocality: Cairene: '321, 43'21, 54'321, 6543'21
- iv) rhythmic: repetition of a motif: 'Apal'achic"ola, cf. Finnish, Australian
- v) heavy syllables attract stress: CVV (heavy), CV (light), CVC (variable)
- vi) culminativity: one syllable per word/phrase singled out as strongest

4. some rules of English:

Compound: leftmost element enhanced if second is not branching (parsing cue?)

blackboard law degree law degree requirements

law degree requirements changes vs. law degree language requirements

Nuclear Stress Rule: black board, red shirt, drink beer, John's book, found out

Rhythm Rule: 3 2 1 -> 2 3 1 Christine, Christine Smith but Lamont Cranston

Kalamazoo, Kalamazoo Michigan; totalitarian tendencies Constantinople trains

5. the metrical grid (Lieberman '75): graphic representation of prominence; two dimensional array of positions and prominence:

line-2	*		*			*
line-1	*		*	*		*
line-0	*	*	*	*	*	*
	America		hurricane			Tennessee

6. Prince '83: "move-x" and the Continuous Column Constraint: asterisk on line n must have asterisk on n-1

line-3				*
line-2		<- *		*
line-1	*	*	*	*
line-0	*	*	*	*
	Kalamazoo		Michigan	

Homework-

1. Transcribe the stress contours of the following English words. Use numbers to indicate the degrees of stress--1 for the highest (primary stress), 0 for no stress, 2 for secondary, 3 for tertiary, etc.

engineer hurricane gasoline Argentina
Alabama metaphysical honorarium elementary
electricity onomatopoeia

Check your answer by looking the words up in a dictionary that marks different degrees of stress and read the explanation for stress notation employed in your dictionary.

2. Transcribe the stress contours of the following paradigm of words. Graphically illustrate the degrees of stress using the metrical grid representation.

Alewife
Alewife Brook
Alewife Brook Parkway

3. Transcribe the stress contours of the following minimal pair; represent them in the metrical grid; how might the contrast be explained? Is Prince's Continuous Column Constraint relevant? How?

an antique chair an antique dealer