24.961 Stress-3 Peak prominence systems

1. Kelkhar's Hindi: stress rightmost heaviest syllable; in case of tie, stress rightmost nonfinal heaviest

Weight hierarchy: CVVC(S) > CVV, CVC(H) > CVC, CV(L)

Peak-Prominence >> Nonfinality >> Rightmost

Peak Prominence: *L' >> *H' >> *S'

Overriding requirement that every word have a stress

Problems for derivational theory: rightmost nonfinal stress suggests extrametricality/RLR edge-marking. But we must suspend extrametricality just in case the final syllable is the heaviest in the word; but we don't know whether it is the strongest in the word until we have computed the stress already. A case of "global comparison".

A possible analysis is to project to the metrical grid in phases. First project all superheavy syllables; then project the final syllable; EM: RLR, LLL, Head=R. Then project heavy syllables; and finally project all light syllables. Rules cease to apply once a stress is obtained.

$$LS -> LS -> LS -> LS -> LS *)* ()* (* * HHLH -> HHLH -> HHLH -> HHLH -> HHLH * * * * *) * (* *) * (* *) * * HHL -> HHL -> HHL -> HHL -> HHL -> HHL * * * * * *)* (* *) * (* *)* * Kashmiri:$$

Weight hierarchy: CV: (H) > CVC (H) > CV (L)

Nonfinality >> Peak Prom >> Leftmost

2.