

## The syntax of phonology.

Browman and Goldstein 2000 show that the consonants in a complex onset CC(C)V (e.g., *spayed, splayed*) should be represented as synchronous at some abstract level, their actual chronology being derived from the priority of the C-C relation(s) over the CV relations. Browman and Goldstein's hypothesis can be generalized. One can speculate that the onset is "synchronous" with the nucleus at some abstract level, the order CV being derived from some yet unspecified mechanisms (something like: "*Minimize gestures by leaving as much as possible to automatic physical effects such as, e.g., the Bernoulli effect*"). Let us assume just that. The representation of a CV syllable is then analyzed into two components, the "chronological" form CV and the higher level *achronological* constituent form {C,V}. The strongest hypothesis is that there exists a level at which all phonological structures are *achronological*. Call this level *pf*. The level *pf* is analogous to the functional (grammatical) skeleton in the analysis of a sentence, the articulatory features corresponding to the lexical formatives. Principles will be proposed to *linearize* representations at *pf*. In particular, it will be argued that the linear ordering of syllables and feet in an expression *E* is derived from the prosodic (stress) structure of *E* at *pf*.

A question arises with respect to *unbounded* constituents (domains). It will be shown that such constituents arise from *overlapping binary constituents*. This in turn will require adopting the formal approach in Vergnaud 2003. The implications for the analysis of reduplication will be examined and it will be argued that the account proposed in that area has features in common with that in Raimy 2000. Independently, it will be shown that the proposed theory is compatible with recent developments in syntax, in particular with Kayne's LCA program, as well as with recent accounts of *Spell-Out*.

- C.Browman and L.Goldstein. 2000. Competing constraints on intergestural coordination and self-organization of phonological structures, *Les Cahiers de l'ICP, Bulletin de la Communication Parlée* 5:25–34.
- Raimy, Eric, 2000. *Phonology and morphology of reduplication*. Amsterdam: Mouton de Gruyter.
- Vergnaud, J.-R. 2003. On a certain notion of “occurrence:” the source of metrical structure, and of much more. In S. Jensen, S. Ploch and G. Williams eds., *A Festschrift for J. Kaye*. Berlin: Mouton de Gruyter.