

Freedom \nRightarrow anarchy

Curt Rice

August 29, 2005

This paper begins with a review and discussion of GEN and *freedom of analysis* as presented in the OT foundational works (Prince and Smolensky 1993; McCarthy and Prince 1993). The connection between *freedom of analysis* and our conception of *the richness of the base* is also considered.

The core of the paper is a discussion of metrical phonology, exploring some specifics of the foot inventory which is available for manipulation by GEN. I begin with a discussion of ternary stress patterns and use this as an opportunity to illustrate the trade-off between restricting the selection of a structure in GEN and restricting it in CON. I'll argue that (flat) ternary feet will be optimal under certain circumstances, given established constraints in CON, and that their elimination as possible surface structures can therefore be achieved only through limiting the metrical structure alphabet of GEN. My approach stands in contrast to those seen in Elenbaas and Kager (2004) and Green and Kenstowicz (1995). Both of those works suggest restricting ternarity in Eval; Elenbaas and Kager (2004) eliminate all ternary structures with particular constraints and their rankings, while Green and Kenstowicz (1995) are forced to allow mixed binary and ternary feet in the same system.

Eliminating ternary feet from GEN leaves the ternary stress patterns wanting for an analysis. Although this analysis consists of a particular conception of CON, it is still necessary to pursue a detailed consideration of the metrical alphabet available to GEN. Once a concrete proposal is developed for GEN, the necessary constraints and the factorial typology are presented.

References

- Elenbaas, Nine, and René Kager. 2004. Ternary rhythm and the *LAPSE constraint. In *Optimality Theory in Phonology*, ed. John McCarthy, 178–190. Oxford: Blackwell Publishers.
- Green, Thomas, and Michael Kenstowicz. 1995. The lapse constraint. Available on ROA.
- McCarthy, John J., and Alan Prince. 1993. Prosodic morphology I. Constraint interaction and satisfaction. Manuscript, University of Massachusetts, Amherst and Brandeis University; available at <http://roa.rutgers.edu>.
- Prince, Alan S., and Paul Smolensky. 1993. Optimality theory. Constraint interaction in generative grammar. Technical Report #2, Rutgers University Center for Cognitive Science. (1993 version available at <http://roa.rutgers.edu>; slightly revised version published in 2004 by Blackwell Publishers).