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Number 14

Papers in Phonology

**Edited by: Elaine Dunlap
Jaye Padgett**

Preface

The papers collected in this volume represent a part of the work that has gone on in Phonology over the last few years at the University of Massachusetts. There is no 'theme' beyond this; a diverse range of languages are explored, and theoretical issues vary from Lexical Phonology to Feature Geometry to Moraic Phonology.

The paper by Elaine Dunlap concerns a rule of æ Tensing in the English of Philadelphia and Long Island. She shows that the rule must apply in the Lexicon at Level 2 and concludes further that Structure Preservation must not apply at this level (mirroring a conclusion reached by others). The analysis has implications for the analysis of Ablaut and Clipping ('Cath' for 'Cathy'), and is extended to data in Arabic.

John J. McCarthy argues for a feature [pharyngeal] grouping laryngeal, pharyngeal and uvular consonants, based on a demonstration that these sounds form a natural class for both synchronic and diachronic processes in various Semitic languages. Since, as he shows, [pharyngeal] cannot be construed as a single articulator (as, say, Dorsal does in articulator-based phonology), he advocates place features based instead on place of articulation.

Joyce McDonough examines the tone system of Central Carrier, an Athapaskan language, concluding that it is best treated as a pitch accent system. Since Athapaskan languages are generally considered tone languages, her conclusions raise issues involving the distinction between these two types.

Máire Ní Chiosáin argues for the existence of compensatory lengthening and a (more unusual) compensatory epenthesis in Irish, and shows that the facts are naturally captured within Moraic Theory. She develops an approach to syllabification where core syllables are first created by universal rules and then remaining material is mapped to a language-specific syllable template based on moraic constituency.

Jaye Padgett looks at the "harmonic clusters" of Kabardian, a Northwest Caucasian language. He argues that they are single, multiply-articulated segments, but that they cannot be reconciled with current assumptions about complex segments within Feature Geometry Theory. His treatment requires branching class nodes, and has implications for the treatment of phonological order within a segment.

Elisabeth Selkirk proposes that gemination be represented by two Root nodes rather than by linking to higher prosodic units. After motivating some assumptions about feature geometry and a new treatment of inalterability, she argues for the

superiority of a two-root representation by examining processes where inalterability both is and is not respected. She also argues that her theory fares better than accounts of geminates as moraic in predictions it makes about the role of geminates in syllabification and syllable weight.

Finally, Tong Shen gives an account of the possible syllable types in Beijing Mandarin Chinese, motivating a reduced segment inventory in the process.

JP
ED

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