

CONTENTS

Foreword	5
ISIDORE DYEN	
The Validity of the Mathematical Model of Glottochronology	11
JOSEPH B. KRUSKAL, ISIDORE DYEN, and PAUL BLACK	
Some Results from the Vocabulary Method of Reconstructing Language Trees	30
0. Introduction.	30
1. The data	30
2. Statistical Assumptions	31
3. Maximum Likelihood Method	32
4. Some Results	35
5. Validity of the Key Approximation	46
ANNETTE J. DOBSON	
Estimating Time Separation for Languages.	56
DAVID SANKOFF	
Parallels between Genetics and Lexicostatistics	64
ISIDORE DYEN	
The Impact of Lexicostatistics on Comparative Linguistics	75
HAROLD C. FLEMING	
Sub-classification in Hamito-Semitic	85
HENRI GONTRAN WITTMANN	
The Lexicostatistical Classification of the French-Based Creole Languages	89
LOUISA R. STARK	
Glottochronology and the Prehistory of Western South America	100

WILLIAM W. ELMENDORF

Lexical Determination of Subgrouping 108

RULON WELLS

Lexicostatistics in the Regency Period 118

DELL HYMES

Lexicostatistics and Glottochronology in the Nineteenth Century
(with Notes toward a General History). 122