

The Mathematics of Syntactic Structure

Trees and their Logics

Edited by

Hans-Peter Kolb
Uwe Mönnich



Mouton de Gruyter
Berlin · New York 1999

Contents

Introduction <i>Hans-Peter Kolb and Uwe Mönnich</i>	1
The descriptive complexity of generalized local sets <i>James Rogers</i>	21
Monadic second-order logic, tree automata, and constraint logic programming <i>Frank Morawietz</i>	41
Principle languages and principle-based parsing <i>Hugo Volger</i>	83
The expressivity of tree languages for syntactic structure <i>Adi Palm</i>	113
Underspecification in Tree Description Grammars <i>Laura Kallmeyer</i>	153
On cloning context-freeness <i>Uwe Mönnich</i>	195
Macros for Minimalism? Towards weak descriptions of strong structures <i>Hans-Peter Kolb</i>	231
Adjunction structures and syntactic domains <i>Marcus Kracht</i>	259
Representational Minimalism <i>Thomas L. Cornell</i>	301
Index	341