

CONTENTS

FOREWORD	7
FORMAL MODELS: CONCEPTS	9
<i>Alexander MEDUNA – Zbyněk KRÍVKA, Czech Republic:</i> General Top-Down Parsers Based On Deep Pushdown Expansions	11
<i>Alexander MEDUNA – Roman LUKÁŠ, Czech Republic:</i> Multigenerative Grammar Systems	19
<i>Lucie CIENCIALOVÁ – Luděk CIENCIALA, Czech Republic:</i> Variations on the Theme: P Colonies	27
<i>Miroslav LANGER, Czech Republic:</i> On Generative Power of Positioned Eco-grammar Systems	35
FORMAL MODELS: THEORY	43
<i>Tomáš MASOPUST, Czech Republic:</i> Closure Properties of Linear Languages under Operations of Linear Deletion	45
<i>Zbyněk KRÍVKA – Rudolf SCHÖNECKER, Czech Republic:</i> String-Partitioning Systems and An Infinite Hierarchy	53
<i>Jiří TECHET, Czech Republic:</i> Bidirectional Contextual Grammars	61
FORMAL MODELS: APPLICATIONS	69
<i>Ivana RUDOLFOVÁ – Jaroslav ZENDULKA, Czech Republic:</i> Clustering of Protein Sequences	71
<i>Jaroslav ŠKARVADA – Richard RŮŽIČKA, Czech Republic:</i> Using Petri Nets for RT Level Digital Systems Test Scheduling	79
<i>Gundars ALKSNIS, Latvia:</i> Formal Transformation and Model Transformation Framework for MDA	87
INDEX OF AUTHORS	95
ADVERTISEMENT	96