

| | str. |
|--|------|
| Foreword | 9 |
| Předmluva | 11 |
| S. Goto: | |
| Normal Programs and Proofs in Formal LISP | 13 |
| M. Sato, Y. Kameyama: | |
| Constructive Programming in SST | 23 |
| M. Haraguchi: | |
| On Inferring Incomplete Information by Analogy | 31 |
| A. Kawtrakul, Y. Inagaki: | |
| A Context Model approach to Anaphora Resolu- tion in Database-Oriented Discourse | 41 |
| H. Ono: | |
| Reasoning about Knowledge and Knowledge Acquisition: A Case Study | 61 |
| K. Toyama, Y. Inagaki: | |
| Autoepistemic Logic for Two Agents and its Application to Representation of Hierarchical Knowledge | 71 |
| S. Arikawa, T. Shinohara, A. Yamamoto: | |
| Elementary Formal System as a Framework of Inductive Inference | 83 |
| T. Yokomori: | |
| Learning Context-Free Languages Revisited | 93 |
| Y. Tanaka: | |
| Vocabulary-Based Logic Programming | 103 |
| S. Yamasaki: | |
| Semantics of Logic Programs over Sequence Domains Based on Substitutions | 117 |

| | str. |
|---|------|
| K. Hori, S. Ohsuga: Localizing Domain Constraints - Towards a Theory of Building New Atoms and New Predicates | 127 |
| N. Yonezaki: ID/LP Logic for Hierarchical Specification of Precedence Relation | 137 |
| M. Ishizuka, T. Matsuda: Knowledge Assimilation & Management Me- chanism for Frame Knowledge-base including Hypothesis Knowledge | 147 |
| O. Štěpánková, P. Štěpánek: Logic Programs and Complexity | 157 |
| B. Miniberger, S. Machová, E. Nováková, M. Šimek: Computer Support of Conceptual Modeling on PC | 167 |
| P. Jirků: A Note on Non-monotonic Reasoning and Logic Programming | 175 |
| T. Havránek: From Hypothesis Generation to Knowledge Acquisition | 185 |
| E. Hajičová: Anaphora and the Degrees of Salience | 195 |
| I. M. Havel: A Connectionist Theory of Knowledge Representation | 205 |
| L. Matyska: Selected Problems from the Implementation of an Optimized Portable Compiler for Extended Prolog | 219 |

J. Ivánek, B. Stejskal:

str.

The ESOD-technique for automatic Knowledge
Base Acquisition from Observational Data

229