

## INDEX

- Alexin Z., Gyimóthy T. and Kókai G.: IDT: Integrated system for debugging and testing Prolog programs ..... 3
- Ásványi T.: Functions in full Prolog ..... 17
- Ásványi T. and Gregorics T.: A more effective version of algorithm A ..... 33
- Benczúr A. and Chu Ky Quang: Correctness criteria for databases using abstract data types ..... 49
- Benczúr A., Novák Á.B. and Revesz P.Z.: On weighted knowledgebase transformations ..... 65
- Czabala P., Parallel principles used in the OpenVMS operating system ..... 79
- Fekete I.: Remarks on knowledge representation using predicate logic ..... 97
- Fóthi Á., Horváth Z. and Kozsik T.: Parallel elementwise processing - a Novel version ..... 105
- Fóthi Á. and Nyéky-Gaizler J.: A theoretical approach to program inversion ..... 125
- Granö K., Harju J., Järvinen T., Larikka T. and Paakki J.: Kannel - A language for tuning protocols ..... 137
- Harangozo É., Szlávi P. and Zsakó.: Joining programming theorems. A practical approach to program building ..... 155
- Horváth Z.: The formal specification of a problem solved by a parallel program - a relational model ..... 173
- Illés Z. and Havancsák K.: Real-time computer measurement control under DOS-Windows operating system ..... 193
- Kellomäki P.: Mechanizing invariant proofs of joint action systems ..... 201
- Kiho J.: Quasi-structured programs ..... 219
- Kovács Gy., Hajas Cs. and Quilio I.: Representations and query languages of nested relations ..... 235

<i>Kozma L. and Rácz É.</i> : A specification technique for scheduling the methods of concurrent objects .....	253
<i>Kőműves J., Csík L., Cseresznye Zs., Kőrösí L. and Puskely M.</i> : An OCR program applying classical methods and neural networks .....	269
<i>Männistö T., Systä T. and Tuomi J.</i> : Synthesizing OMT state diagrams ..	277
<i>Nikovits T., Kiss A. and Chretien D.</i> : Representation and query languages of fuzzy relational databases .....	293
<i>Paakkı J., Gyimóthy T. and Horváth T.</i> : Independent and-parallelization of logic programs using static slicing .....	307
<i>Pásztor-Varga K.</i> : Theorem proving method and the computer science ..	321
<i>Pöial J.</i> : Remarks on language extensibility .....	331
<i>Schrettner L., Gyimóthy T., Alexin Z. and Toczki J.</i> : Parallel execution of object functional queries .....	339
<i>Szarapka L., Budimac Z. and Ivanović M.</i> : Type checking and problem of overloaded arguments .....	355
<i>Toczki J. and Schrettner L.</i> : Attribute grammar applications .....	367
<i>Tombak M. and Sillitoe I.</i> : On the superposition of Boolean functions ..	381
<i>Tuominen A.-P.</i> : Using compiler techniques to convert an SQL application for a new DBMS .....	391
<i>Vámossy Z., Csík L., Schröder J., Okulan N., Katzer I., Molnár F. and Szabó E.</i> : Recognition based object classifying system in robot environment .....	405