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Fundamenta Informaticae is an international journal publishing original research results in all areas of mathematical foundations of computer science and their applications. Papers are encouraged which contain:

- (i) solutions, by mathematical methods, of problems emerging in computer science
- (ii) solutions of mathematical problems inspired by computer science and
- application studies that follow the situations in (i) (iii) and (ii).

Topics are: mathematical theories of programs and programming, logic in computer science and artificial intelligence, theory of computing, complexity theory, design and analysis of algorithms, theory of formal languages and automata theory, concurrency, cellular automata, database theory, logic programming, nonmonotonic reasoning, parallel algorithms, term rewriting, theory of parallel and distributed computing, adaptive strategies of computing, approximate reasoning, agent system theory, biocomputing, machine learning, pattern recognition, data mining and knowledge discovery, decision theory, DNA computing, evolutionary computation, natural computing, neural networks, quantum computing, soft computing including fuzzy sets, rough sets and granular computing. This enumeration is not intended to be exclusive.

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