



Topics

Algebraic methods
Automata and logic
Automated deduction
Categorical models and logic
Coalgebraic methods
Computer-aided verification
Concurrency theory
Constraint programming
Database theory
Defeasible reasoning
Domain theory
Finite model theory
Formalized mathematics
Functional programming and lambda calculus
Inductive logic and learning
Interactive proof checking
Logic and complexity
Logic and games
Logic and probability
Logic for knowledge representation
Logic programming
Logics of programs
Modal and temporal logics
Program analysis and type checking
Program development and specification
Proof complexity
Real time and hybrid systems
Reasoning about actions and planning
Satisfiability
Security
Semantics of programming languages
Term rewriting and equational logic
Type theory and constructive mathematics

Emerging topics

Computational systems in biology
Quantum computation and logic



Logical Methods in Computer Science

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