Computational Complexity

Editor-in-Chief: P. Bürgisser

► A resource for outstanding research in computational complexity
► Covers models of computation, complexity bounds, complexity classes and more
► Explores the structure of complexity classes, algebraic complexity, the role of randomness, and issues in cryptography, robotics, logic and distributed computing

Computational Complexity presents outstanding research in computational complexity. Its subject is at the interface between mathematics and theoretical computer science, with a clear mathematical profile and strictly mathematical format.

The central topics are:

Models of computation, complexity bounds (with particular emphasis on lower bounds), complexity classes, trade-off results

• for sequential and parallel computation
• for "general" (Boolean) and "structured" computation (e.g.

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