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Soggetti	Computers Software engineering Computer programming Algorithms Computer communication systems Computation by Abstract Devices Theory of Computation Software Engineering/Programming and Operating Systems Programming Techniques Algorithm Analysis and Problem Complexity Computer Communication Networks
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Nota di contenuto	The triumph and tribulation of system stabilization -- Wait-free computing -- On real-time and non real-time distributed computing -- Theory and practice in distributed systems -- The inherent cost of strong-partial view-synchronous communication -- Revisiting the relationship between non-blocking atomic commitment and consensus -- Dissecting distributed coordination -- Optimal Broadcast with Partial Knowledge -- Multi-dimensional Interval Routing Schemes -- Data transmission in processor networks -- Distributed protocols against mobile eavesdroppers -- Universal constructions for large objects -- Load balancing: An exercise in constrained convergence -- Larchant-RDOSS: A distributed shared persistent memory and its garbage

collector -- Broadcasting in hypercubes with randomly distributed Byzantine faults -- On the number of authenticated rounds in Byzantine Agreement -- Total ordering algorithms for asynchronous Byzantine systems -- A uniform self-stabilizing minimum diameter spanning tree algorithm -- Self-stabilization of wait-free shared memory objects -- Deterministic, constant space, self-stabilizing leader election on uniform rings -- Efficient detection of restricted classes of global predicates -- Faster possibility detection by combining two approaches.

Sommario/riassunto

This book constitutes the proceedings of the 9th International Workshop on Distributed Algorithms, WDAG '95, held in Le Mont-Saint-Michel, France in September 1995. Besides four invited contributions, 18 full revised research papers are presented, selected from a total of 48 submissions during a careful refereeing process. The papers document the progress achieved in the area since the predecessor workshop (LNCS 857); they are organized in sections on asynchronous systems, networks, shared memory, Byzantine failures, self-stabilization, and detection of properties.
