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Titolo	Distributed Computing [[electronic resource]] : 12th International Symposium, DISC'98, Andros, Greece, September 24 -26, 1998, Proceedings / / edited by Shay Kutten
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-49693-9
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XII, 428 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1499
Disciplina	004/.36
Soggetti	Computer communication systems Computers Software engineering Algorithms Computer programming Computer Communication Networks Theory of Computation Software Engineering/Programming and Operating Systems Algorithm Analysis and Problem Complexity Programming Techniques Computation by Abstract Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Sense of direction in distributed computing -- Top-down considerations on distributed computing -- Inter-task co-ordination in long-lived distributed applications -- Seamlessly selecting the best copy from internet-wide replicated web servers -- Wait-free synchronization in quantum-based multiprogrammed systems -- Computing in totally anonymous asynchronous shared memory systems -- Transient fault detectors -- Directed virtual path layouts in ATM networks -- A decision-theoretic approach to reliable message delivery -- Propagation and leader election in a multihop broadcast environment -- The arrow distributed directory protocol -- Efficient Byzantine agreement secure against general adversaries -- Long-lived,

fast, waitfree renaming with optimal name space and high throughput -- The compactness of interval routing for almost all graphs -- A wait-free classification of loop agreement tasks -- A stabilizing repair timer -- Java: Memory consistency and process coordination -- A complete and constant time wait-free implementation of CAS from LL/SC and vice versa -- Failure detection and consensus in the crash-recovery model -- A more committed quorum-based three phase commit protocol -- Multicast group communication as a base for a load-balancing replicated data service -- Efficient deadlock-free multi-dimensional interval routing in interconnection networks -- A new protocol for efficient cooperative transversal Web caching -- Fairness of shared objects -- Optimistic Atomic Broadcast -- Approximate agreement with mixed mode faults: Algorithm and lower bound -- Using remote access histories for thread scheduling in distributed shared memory systems -- The Bancomat problem: An example of resource allocation in a partitionable asynchronous system -- Lifetime based consistency protocols for distributed objects -- Deriving a scalable algorithm for mutual exclusion -- OFC: A distributed fossil-collection algorithm for Time-Warp.

Sommario/riassunto

This book constitutes the refereed proceedings of the 12th International Symposium on Distributed Computing, DISC'98, held in Andros, Greece, in September 1998. The 28 revised papers presented were carefully reviewed and selected from a total of 87 submissions. Also included are one invited paper and two abstracts of invited contributions. The papers address all currect issues of distributed systems, in particular Internet-based computing, shared-memory systems, ATM networks, security aspects, Java process coordination, network protocols, wait-free systems, shared objects, resource allocation, and distributed objects.

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Descrizione fisica	1 online resource (various pagings) : illustrations
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Soggetti	Information technology
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.