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Soggetti	Computer engineering Computer networks Computer science Software engineering Electronic digital computers—Evaluation Database management Computer Engineering and Networks Theory of Computation Software Engineering System Performance and Evaluation Database Management
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Topic 1: Support Tools and Environments -- Topic 2: Performance Prediction and Evaluation -- Topic 3: Scheduling and Load Balancing -- Topic 4: High Performance Architectures and Compilers -- Topic 5: Parallel and Distributed Databases -- Topic 6: Grid and Cluster Computing -- Topic 7: Peer-to-Peer Computing -- Topic 8: Distributed Systems and Algorithms -- Topic 9: Parallel and Distributed Programming -- Topic 10: Parallel Numerical Algorithms -- Topic 11: Distributed and High-Performance Multimedia -- Topic 12: Theory and Algorithms for Parallel Computation -- Topic 13: High-Performance Networks.

Sommario/riassunto

This book constitutes the refereed proceedings of the 14th International Conference on Parallel Computing, Euro-Par 2008, held in Las Palmas de Gran Canaria, Spain, in August 2008. The 86 revised papers presented were carefully reviewed and selected from 264 submissions. The papers are organized in topical sections on support tools and environments; performance prediction and evaluation; scheduling and load balancing; high performance architectures and compilers; parallel and distributed databases; grid and cluster computing; peer-to-peer computing; distributed systems and algorithms; parallel and distributed programming; parallel numerical algorithms; distributed and high-performance multimedia; theory and algorithms for parallel computation; and high performance networks.
