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Disciplina	004.3
Soggetti	Computer science—Mathematics Computer science Software engineering Computer simulation Electronic digital computers—Evaluation Computer arithmetic and logic units Mathematics of Computing Theory of Computation Software Engineering Computer Modelling System Performance and Evaluation Arithmetic and Logic Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Algorithms for GPU and Many cores -- Large-Scale Applications -- Numerical Algorithms -- Direct/Hybrid Methods for Solving Sparse Matrices.-Performance Tuning -- The Ninth International Workshop on Automatic Performance Tuning.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 11th International Conference on High Performance Computing for Computational Science, VECPAR 2014, held in Eugene, OR, USA, in June/July 2014. The 25 papers presented were carefully

reviewed and selected of numerous submissions. The papers are organized in topical sections on algorithms for GPU and manycores, large-scale applications, numerical algorithms, direct/hybrid methods for solving sparse matrices, performance tuning. The volume also contains the papers presented at the 9th International Workshop on Automatic Performance Tuning.

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