1. Record Nr.   UNINA9910208853203321

   Titolo   High-Performance Computing and Networking : 8th International Conference, HPCN Europe 2000 Amsterdam, The Netherlands, May 8-10, 2000 Proceedings / / edited by Marian Bubak, Roy Williams, Hamideh Afsarmanesh, Bob Hertzberger

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2000

   ISBN   3-540-45492-6

   Edizione   [1st ed. 2000.]

   Descrizione fisica 1 online resource (XVIII, 726 p.)

   Collana   Lecture Notes in Computer Science, , 1611-3349 ; ; 1823

   Disciplina   004.3

   Soggetti   Computer networks
                       Computer programming
                       Software engineering
                       Algorithms
                       Mathematics - Data processing
                       Computer Communication Networks
                       Programming Techniques
                       Software Engineering
                       Computational Mathematics and Numerical Analysis

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references at the end of each chapters and index.

   Nota di contenuto   Computational Science Track -- Web-Based Cooperative Applications Track -- Computer Science Track -- Industrial and End-User Applications Track -- Posters -- Workshops.

   Sommario/riassunto This book constitutes the refereed proceedings of the 8th International Conference on High-Performance Computing and Networking, HPCN Europe 2000, held in Amsterdam, The Netherlands, in May 2000. The 52 revised full papers presented together with 34 revised posters were carefully reviewed for inclusion in the book. The papers are organized in sections on problem solving environments, metacomputing, load balancing, numerical parallel algorithms, virtual enterprises and virtual laboratories, cooperation coordination, Web-based tools for tele-

working, monitoring and performance, low-level algorithms, Java in HPCN, cluster computing, data analysis, and applications in a variety of fields.