1. Record Nr.   UNINA9910483781203321

   Titolo   High Performance Computing for Computational Science – VECPAR 2016 [[electronic resource]] : 12th International Conference, Porto, Portugal, June 28-30, 2016, Revised Selected Papers / / edited by Inês Dutra, Rui Camacho, Jorge Barbosa, Osni Marques

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017

   ISBN   3-319-61982-9

   Edizione   [1st ed. 2017.]

   Descrizione fisica   1 online resource (XIII, 272 p. 133 illus.)

   Collana   Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10150

   Disciplina   004.11

   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   Applications -- Performance modeling and analysis -- Low level support.-Environments/libraries to support parallelization.

   Sommario/riassunto   This book constitutes the thoroughly refereed post-conference proceedings of the 12fth International Conference on High Performance Computing in Computational Science, VECPAR 2016, held in Porto, Portugal, in June 2016. The 20 full papers presented were carefully reviewed and selected from 36 submissions. The papers are organized

in topical sections on applications; performance modeling and analysis; low level support; environments/libraries to support parallelization.