1. **Record Nr.** UNINA9910298967903321

   Titolo High Performance Computing : First HPCLATAM - CLCAR Latin American Joint Conference, CARLA 2014, Valparaiso, Chile, October 20-22, 2014. Proceedings / / edited by Gonzalo Hernandez, Carlos Jaime Barrios Hernandez, Gilberto Díaz, Carlos García Garino, Sergio Nesmachnow, Tomas Pérez-Acle, Mario Storti, Mariano Vázquez

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014

   ISBN 3-662-45483-1

   Edizione [1st ed. 2014.]

   Descrizione fisica 1 online resource (XIV, 255 p. 99 illus.)

   Collana Communications in Computer and Information Science, , 1865-0929 ; ; 485

   Disciplina 004.6

   Soggetti Computer organization
   Computer system failures
   Artificial intelligence
   Computer software—Reusability
   Computer Systems Organization and Communication Networks
   System Performance and Evaluation
   Artificial Intelligence
   Performance and Reliability

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Note generali Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto Grid and cloud computing -- HPC architectures and tools -- Parallel programming -- Scientific computing.

   Sommario/riassunto This book constitutes the refereed proceedings of the First HPCLATAM - CLCAR Joint Latin American High Performance Computing Conference, CARLA 2014, held in Valparaiso, Chile, in October 2014. The 17 revised full papers and the one paper presented were carefully reviewed and selected from 42 submissions. The papers are organized in topical sections on grid and cloud computing; HPC architectures and tools; parallel programming; scientific computing.