

1. Record Nr.	UNIORUON00307094
Autore	MARINER, William
Titolo	An account of the natives of the Tonga Islands in the South Pacific Ocean, with an original grammar and vocabulary of their language / compiled and arranged from the extensive communications of Mr William Mariner by John Martin
Pubbl/distr/stampa	2 v., : ill. ; 17 cm
ISBN	04-04-14290-7 04-04-14291-5 04-04-14292-3
Edizione	[New York : AMS Press]
Descrizione fisica	Reprint dell'orig. Edinburgh : Constable, 1927
Classificazione	POL VIII B
Altri autori (Persone)	MARTIN, John
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910349420203321
Titolo	High Performance Computing in Science and Engineering : Third International Conference, HPCSE 2017, Karolinka, Czech Republic, May 22–25, 2017, Revised Selected Papers // edited by Tomáš Kozubek, Martin ermák, Petr Tichý, Radim Blaheta, Jakub Šístek, Dalibor Lukáš, Jií Jaroš
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	9783319971360 3319971360
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (X, 217 p. 90 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11087
Disciplina	004.3
Soggetti	Computer science - Mathematics Artificial intelligence Dynamics Nonlinear theories Mathematics - Data processing Mathematics of Computing Artificial Intelligence Applied Dynamical Systems Computational Mathematics and Numerical Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A High Arithmetic Intensity Krylov Subspace Method Based on Stencil Compiler Programs -- Applications of trace estimation techniques -- Fourier Method for Approximating Eigenvalues of Indefinite Stekloff Operator -- Proportionality-based gradient methods with applications in contact mechanics -- Schur Complement-Schwarz DD Preconditioners for Non-Stationary Darcy Flow Problems -- Relating computed and exact entities in methods based on Lanczos tridiagonalization -- Software Tool for Cranial Orthosis Design -- Implementation of BM3D Filter on Intel Xeon Phi for Rendering in

Blender Cycles -- Investigating convergence of linear SVM implemented in PermonSVM employing MPRGP algorithm -- Using ESPRESSO as Linear Solver Library for Third Party FEM Tools for Solving Large Scale Problems -- MERIC and RADAR generator: tools for energy evaluation and runtime tuning of HPC applications -- Disc vs. annulus: On the bleaching pattern optimization for FRAP experiments -- Modeling and simulation of microalgae growth in a Couette-Taylor bioreactor -- Karhunen-Loève decomposition of isotropic Gaussian random fields using a tensor approximation of autocovariance kernel -- A Bayesian approach to the identification problem with given material interfaces in the Darcy flow.

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#### Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the Third International Conference on High Performance Computing in Science and Engineering, HPCSE 2017, held in Karolinka, Czech Republic, in May 2017. The 15 papers presented in this volume were carefully reviewed and selected from 20 submissions. The conference provides an international forum for exchanging ideas among researchers involved in scientific and parallel computing, including theory and applications, as well as applied and computational mathematics. The focus of HPCSE 2017 was on models, algorithms, and software tools which facilitate efficient and convenient utilization of modern parallel and distributed computing architectures, as well as on large-scale applications.

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