

1. Record Nr.	UNINA9910457123503321
Titolo	The prevention and treatment of missing data in clinical trials [[electronic resource] /] / Panel on Handling Missing Data in Clinical Trials, Committee on National Statistics, Division of Behavioral and Social Sciences and Education
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2010
ISBN	1-282-97597-8 9786612975974 0-309-15815-X
Descrizione fisica	1 online resource (162 p.)
Disciplina	615.50724
Soggetti	Missing observations (Statistics) Clinical trials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 115-122).
Nota di contenuto	""Front Matter""; ""Acknowledgments""; ""Contents""; ""Glossary""; ""Summary""; ""1 Introduction and Background""; ""2 Trial Designs to Reduce the Frequency of Missing Data""; ""3 Trial Strategies to Reduce the Frequency of Missing Data""; ""4 Drawing Inferences from Incomplete Data""; ""5 Principles and Methods of Sensitivity Analyses""; ""6 Conclusions and Recommendations""; ""References""; ""Appendix A: Clinical Trials: Overview and Terminology""; ""Appendix B: Biographical Sketches of Panel Members and Staff""; ""Committee on National Statistics""

2. Record Nr.	UNINA9910438031903321
Titolo	Sustained Simulation Performance 2013 : Proceedings of the joint Workshop on Sustained Simulation Performance, University of Stuttgart (HLRS) and Tohoku University, 2013 // edited by Michael M. Resch, Wolfgang Bez, Erich Focht, Hiroaki Kobayashi, Yevgeniya Kovalenko
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	9783319014395 3319014390
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (x, 157 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	003.3 004 004/.3 510
Soggetti	Mathematics - Data processing Computer simulation Computer engineering Computer networks Application software Engineering mathematics Engineering - Data processing Fluid mechanics Computational Science and Engineering Computer Modelling Computer Engineering and Networks Computer and Information Systems Applications Mathematical and Computational Engineering Applications Engineering Fluid Dynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I Challenges of Modern HPC Systems: Performance and Energy

Efficiency Analysis -- Feasibility study of future HPC systems for memory-intensive applications: Hiroaki Kobayashi -- Analysing the Performance Improvements of Optimizations on Modern HPC Systems: Kazuhiko Komatsu, Toshihide Sasaki, Ryusuke Egawa, Hiroyuki Takizawa and Hiroaki Kobayashi -- Power consumption of kernel operations: Dmitry Khabi and Uwe Küster -- Part II Frameworks and Libraries for Simulations on New-Generation Computing Systems -- Lattice Boltzmann Simulations On Complex Geometries: Simon Zimny, Kannan Masilamani, Kartik Jain and Sabine Roller -- IMD – A Typical Massively Parallel Molecular Dynamics Code for Classical Simulations – Structure, Applications, Latest Developments: Johannes Roth -- Evaluation of FastFlow Technology for Real-World Application: Kamran Idrees, Mathias Nachtmann, Colin W. Glass -- Storage and indexing of fine grain, large scale data sets: Ralf Schneider -- Part III Computational Engineering Applications and Multi-Physics Simulations -- Direct Numerical Simulations of Film Cooling in a Supersonic Boundary-Layer Flow on Massively-Parallel Supercomputers: Michael Keller and Markus J. Kloker -- Large scale numerics uncovering new states of matter: A. Moreno, J. M. P. Carmelo, and A. Muramatsu -- Towards Simulation of Electrodialytic Sea Water Desalination: Kannan Masilamni, Jens Zudrop and Sabine Roller -- A regional climate model simulation for EURO- CORDEX with the WRF model: Kirsten Warrach-Sagi, Thomas Schwitalla, Hans-Stefan Bauer, Volker-Wulfmeyer. .

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#### Sommario/riassunto

This book presents the state of the art in high-performance computing and simulation on modern supercomputer architectures. It covers trends in hardware and software development in general and specifically the future of high-performance systems and heterogeneous architectures. The application contributions cover computational fluid dynamics, material science, medical applications and climate research. Innovative fields like coupled multi-physics or multi-scale simulations are presented. All papers were chosen from presentations given at the 16th Workshop on Sustained Simulation Performance held in December 2012 at HLRS, University of Stuttgart, Germany and the 17th Workshop on Sustained Simulation Performance at Tohoku University in March 2013.

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