The R Series

Parallel Computing for Data Science

With Examples in R, C++ and CUDA

Norman Matloff

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Parallel Computing For Data Science With Examples In R C

L. Grandinetti,G.R. Joubert,M. Kunze

Parallel Computing For Data Science With Examples In R C:

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news in recent years and the advantages conferred by the collection and analysis of large datasets in fields such as marketing medicine and finance have led to claims that almost any real world problem could be solved if sufficient data were available This is of course a very simplistic view and the usefulness of collecting processing and storing large datasets must always be seen in terms of the communication processing and storage capabilities of the computing platforms available This book presents papers from the International Research Workshop Advanced High Performance Computing Systems held in Cetraro Italy in July 2014 The papers selected for publication here discuss fundamental aspects of the definition of Big Data as well as considerations from practice where complex datasets are collected processed and stored The concepts problems methodologies and solutions presented are of much more general applicability than may be suggested by the particular application areas considered As a result the book will be of interest to all those whose work involves the processing of very large data sets exascale computing and the emerging fields of data science Foundations of Computer Science III: Languages, logic, semantics Jacobus Willem Bakker,Jan Leeuwen,1979 **Foundations of Computer Science III** Jacobus Willem Bakker,1979 Computer Sciences Technical Report ,1975 **SIAM Journal on Computing** Society for Industrial and Applied Mathematics,1981 *Parallel Computing for Data Science* Isabelle S. Robinson,2015-08-12 Thought provoking and accessible in approach this updated and expanded second edition of the Parallel Computing for Data Science With Examples in R C and CUDA provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise Press **Computational Linguistics and Computer Languages** ,1979 1978 ACM Computer Science Conference, 21 February-23 February, 1978, Detroit, Michigan Association for Computing Machinery,1978 **Proceedings of the ... Midwest Symposium on Circuits and Systems** ,2001 Energy Research Abstracts ,1987 **Diversity of beetles and associated microorganisms** Hassan Salem,Peter H. W. Biedermann,Takema Fukatsu,2023-08-21 Science Abstracts ,1962 **Proceedings of the 1981 International Conference on Parallel Processing** Ming T. Liu,1981 Proceedings, IEEE Control Systems Society ... Symposium on Computer-Aided Control System Design (CACSD). ,1999 **High Performance Computing Symposium 1993** Adrian M. Tentner,1993 *Configurable Computing* ,1998 This collection of papers presented at the IS T SPIE Electronic Imaging Symposium includes articles on a variety of relevant issues and topics

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