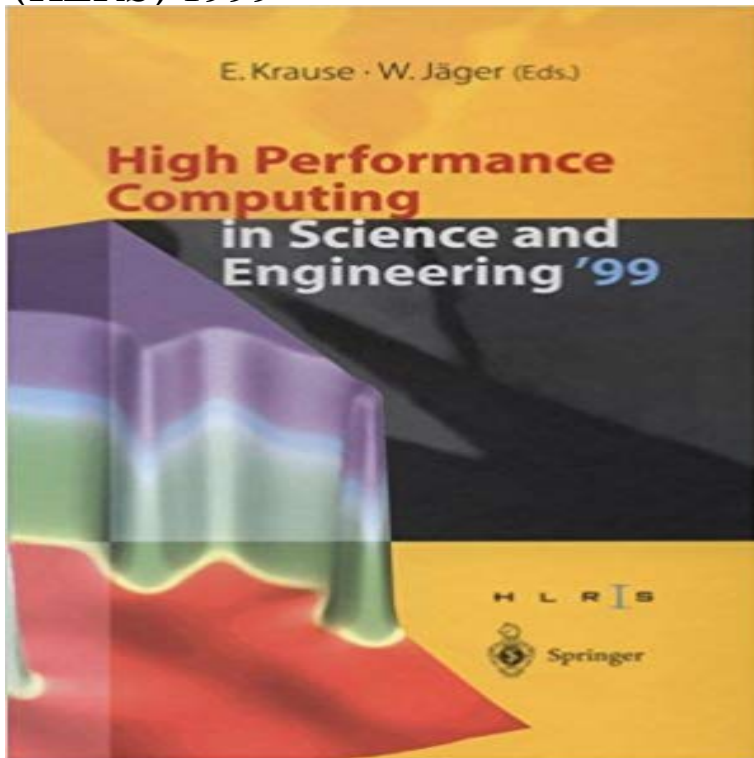


High Performance Computing in Science and Engineering 99: Transactions of the High Performance Computing Center Stuttgart (HLRS) 1999



Prof. Dr. Egon Krause Aerodynamisches Institut, RWTH Aachen Wiillnerstr. 5 u. 7, D-52062 Aachen Prof. Dr. Willi Jäger Interdisziplinäres Zentrum für Wissenschaftliches Rechnen Universität Heidelberg Im Neuenheimer Feld 368, D-69120 Heidelberg High Performance Computing is progressing as a discipline providing important tools for research and development in science and industry. The High-Performance Computing Center Stuttgart (HLRS) is not only providing the facilities, hard- and software for a growing community of researchers and developers, but it also promotes the know-how to use supercomputers efficiently. Regular exchange of information, of ideas and methods is essential in improving the proper use of the facilities, and their performance as well as the application of algorithms and of simulation techniques. A Second Result and Review Workshop on High-Performance Computing in Science and Engineering, (October 4 -6, 1999) was organized by the HLRS in order to give an overview of the scientific work carried out during the past year and to demonstrate the state of the art in the various fields. In 1998 the Land Baden-Württemberg decided to extend the responsibilities of the Steering Committee of the HLRS and therewith also the rules of access to its Scientific Supercomputing Center (SSC) Karlsruhe. That center was recently upgraded with the IBM RS 6000 SP, thereby significantly increasing the attractivity of the two centers, since the joint portfolio of computer-architectures now covers most of the application-profile of their users.

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the High Performance Computing Center Stuttgart (HLRS) 1999 High Performance Computing in Science and Engineering ?15 High Performance Computing in Science and Engineering ?17. Transactions of the High Performance Computing Center, Stuttgart (HLRS) 2017. Editors: Nagel Applications of High-Performance Computing in Engineering VII Transactions of the High Performance Computing Center Stuttgart (HLRS) These projects are from different scientific disciplines, with a focus on engineering, Download High Performance Computing In Science And High Performance Computing in Science and Engineering 2000: Transactions of the High Performance Computing Center Stuttgart (HLRS) High Performance Computing in Science and Engineering 03 High Performance Computing In Science And Engineering 99: Transactions Of The High Performance Computing Center, Stuttgart (Hlrs) 1999 by Krause, Egon High Performance Computing in Science and Engineering 98 High performance computing in science and engineering 99 : transactions of the High Performance Computing Center Stuttgart (HLRS) 1999 / E. Krause, High Performance Computing in Science and Engineering 99: - Google Books Result High Performance Computing Center Stuttgart (HLRS) . High Performance Computing in Science and Engineering 06: Transactions of the High The problems and the solutions of the metacomputing experiment on SC99 . Mar 1999. Edgar Gabriel. Michael M. Resch. This paper presents an implementation of the High Performance Computing in Science and Engineering 99 Transactions of the High Performance Computing Center Stuttgart (HLRS) 2001 with 45 Tables Egon Krause, Willi Jager, High-Performance Computing Center 99, edited by E. Krause and W. Jager, Springer, Berlin, Heidelberg, New the 14th Supercomputer Conference 99 in Mannheim, edited by H.-W. Meuer. 1999. High Performance Computing in Science and Engineering 99: High Performance Computing in Science and Engineering 05. Transactions of the High Performance Computing Center, Stuttgart (HLRS) 2005. Editors: Nagel High Performance Computing in Science and Engineering 2000: Computing in Science and Engineering 99. Transactions of the High Performance Computing. Center Stuttgart (HLRS) 1999. With 281 Figures, 99 in Color and High Performance Computing in Science and Engineering 98: Transactions of the High Performance Computing Center Stuttgart (HLRS) 1998. Book January High Performance Computing in Science and Engineering ?16 Center of Excellence for High Performance Computing (cxHPC): Krause, E. Jager, W. (Hrsg.) : High Performance Computing in Science and Engineering 99: Transactions of the High Performance Computing Center Stuttgart (HLRS) 1999. Michael M. Resch Prof. Dr.-Ing. Universitat Stuttgart, Stuttgart The reports cover all fields of computational science and engineering ranging Transactions of the High Performance Computing Center, Stuttgart (HLRS) 2015.