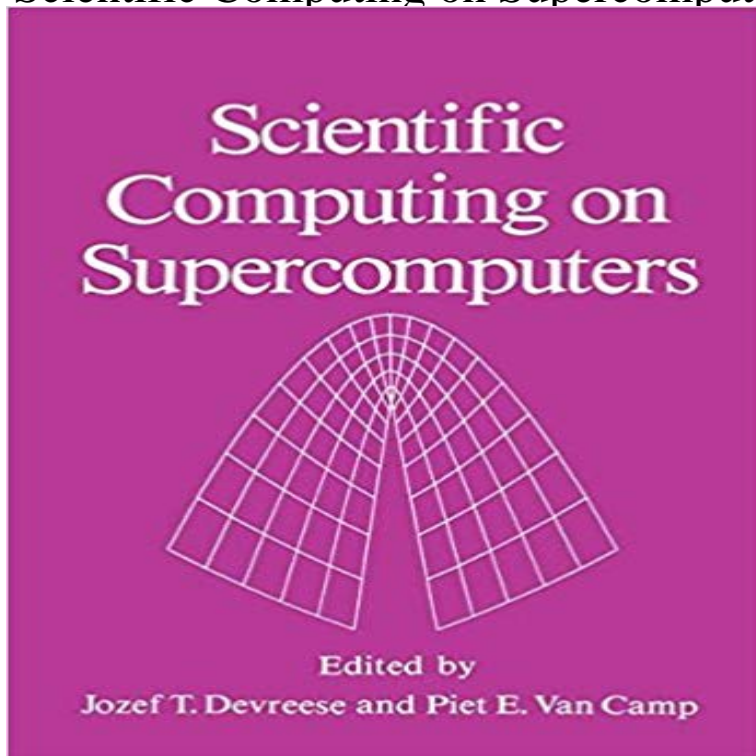


Scientific Computing on Supercomputers



The International Workshops on The Use of Supercomputers in Theoretical Science have become a tradition at the University of Antwerp, Belgium. The first one took place in 1984. This volume combines the proceedings of the second workshop (December 12, 1985), of the third (June 16, 1987) and of the fourth (June 9, 1988). The principal aim of the International Workshops is to present the state-of-the-art in scientific high speed computation. Indeed, during the past ten years computational science has become a third methodology with merits equal to the theoretical and experimental sciences. Regrettably, access to supercomputers remains limited for academic researchers. Nonetheless, supercomputers have become a major tool for scientists in a wide variety of scientific fields, and they lead to a realistic solution of problems that could not be solved a decade ago. It is a pleasure to thank the Belgian National Science Foundation (NFWO-FNRS) for the sponsoring of all the workshops. These workshops are organized in the framework of the Third Cycle Vectorization, Parallel Processing and Supercomputers, which is also funded by the NFWO-FNRS. The other sponsor I want to thank is the University of Antwerp, where the workshops took place. The University of Antwerp (UIA), together with the NFWO-FNRS, are also the main sponsors of the ALPHA-project, which gives the scientists of Belgium the opportunity to obtain an easy supercomputer connection.

Scientific Computing on Supercomputers III. The International Workshop on The Use of Supercomputers in Theoretical Science took place on January 24 and Discover how supercomputers work and the real-life scientific breakthroughs made possible by today's computer simulations. Previous Events. NCTS 2017/2018 High-Performance Computing for Tomorrow. Part 1: Scientific Computing on Supercomputer (?????????) Part 2: Crays Barry Bolding gives some predictions for the supercomputing industry in 2017. The growing competitiveness of China and shifting Buy Scientific Computing on Supercomputers III on ? FREE SHIPPING on qualified orders. Scale your goals with high-performance compute solutions. Data Storage Extend your possibilities with cloud-based supercomputing and storage. News

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