<<   >>

<<   Recent advances in parallel virtual machine and message passing interface>>

13   ISBN   9783540442967

10   ISBN   3540442960

           2002-12

      Kranzlmuller, D.; Kranzlmuller, Dieter; Kranzlmller, Dieter

      462

                 PDF

           http://www.tushu007.com

<< >>

Page 2

This book constitutes the refereed proceedings of the 9th European PVM/MPI Users'Group Meeting held in Linz, Austria in September/October 2002. The 50 revised full papers presented together with abstracts of 11 invited contributions were carefully reviewed and selected. The papers are organized in topical sections on Corss Grid, Par Sim, application using MPI and PVM, parallel algorithms using message passing, programming tools for MPI and PVM, implementations of MPI and PVM, extensions of MPI and PVM, and performance analysis and optimization.

Invited Talks High Performance Computing, Computational Grid,   and Numerical Libraries   Performance, Scalability, and Robustness   in the Harness Metacomputing Framework   Surfing the Grid - Dynamic Task Migration   in the Polder Metacomputer Project   Petascale Virtual Machine: Computing on 100,000 Processors   MPICH2: A New Start for MPI Implementations   Making Grid Computing Mainstream   Process Management for Scalable Parallel Programs   A Security Attack and Defense in the Grid Environment   Performance Analysis: Necessity or Add-on in Grid ComputingTutorials   MPI on the Grid   Parallel Application Development   with the Hybrid MPI+OpenMP Programming ModelSpecial Session: CrossGrid   CrossGrid and Its Relatives in Europe   Towards the CrossGrid Architecture   Application of Component-Expert Technology for Selection   of Data-Handlers in CrossGrid   Training of Neural Networks: Interactive Possibilities in a Distributed Framework   An Infrastructure for Grid Application Monitoring   The CrossGrid Performance Analysis Tool   for Interactive Grid Applications Special Session: ParSim   Current Trends in Numerical Simulation   for Parallel Engineering Environments   Automatic Runtime Load Balancing of Dedicated Applications   in Heterogeneous Environments   A Contribution to Industrial Grid Computing   Parallel Computing for the Simulation of 3D Free Surface Flows   in Environmental Applications   Testbed for Adaptive Numerical Simulations   in Heterogeneous Environments   Simulating Cloth Free-Form Deformation with a Beowulf ClusterApplications Using MPI and PVM   Concept of a Problem Solving Environment for Flood Forecasting……Parallel Algorithms Using Message PassingProgramming Tools for MPI and PVMImplementations of MPI and PVMExtension of MPI and PVMPerformance Analysis and OptimizationAuthor Index

PDF

:http://www.tushu007.com