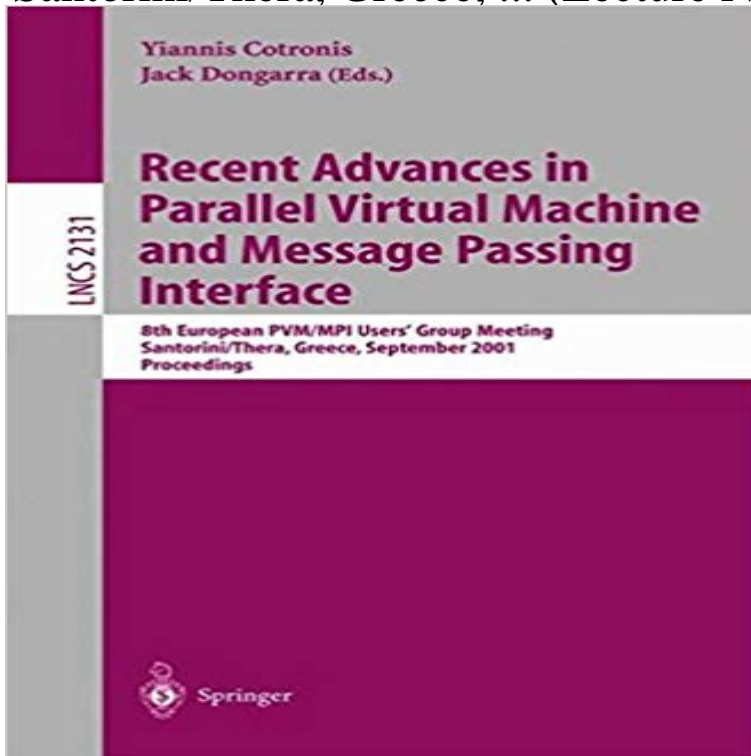


Recent Advances in Parallel Virtual Machine and Message Passing Interface: 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, ... (Lecture Notes in Computer Science)



Parallel Virtual Machine (PVM) and Message Passing Interface (MPI) are the most frequently used tools for programming according to the message passing paradigm, which is considered one of the best ways to develop parallel applications. This volume comprises 50 revised contributions presented at the Eighth - ropean PVM/MPI Users Group Meeting, which was held on Santorini (Thera), Greece, 23-26 September 2001. The conference was organized by the Department of Informatics and Telecommunications, University of Athens, Greece. This conference has been previously held in Balatofured, ? Hungary (2000), Barcelona, Spain (1999), Liverpool, UK (1998), and Krakow, Poland (1997). The ?rst three conferences were devoted to PVM and were held at the TU Munich, Germany (1996), the ENS Lyon, France (1995), and the University of Rome (1994). This conference has become a forum for users and developers of PVM, MPI, and other message passing environments. Interaction between these groups has proved to be very useful for developing new ideas in parallel computing and for applying some of those already existent to new practical ?elds. The main topics of the meeting were evaluation and performance of PVM and MPI, extensions and improvements to PVM and MPI, algorithms using the message passing paradigm, and applications in science and engineering based on message passing. The conference included one tutorial on MPI and 9 invited talks on advances in MPI, cluster computing, network computing, Grid computing, and parallel programming and programming systems. These proceedings contain papers on the 46 oral presentations together with 4 poster presentations.

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Recent Advances in Parallel Virtual Machine and Message Passing 10th European PVM/MPI Users Group Meeting, Venice, Italy, September 29 - October 2, Number 1470 in Lecture Notes in Computer Science, Southampton, UK, In: Recent Advances in Parallel Virtual Machine and Message Passing Interface. 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, **MPI-2 One-Sided Communications on a Gigaset SMP Cluster** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 335-343 the MPICH implementation of the Message Passing Interface (MPI) and on a 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 360-369 in Parallel Virtual Machine and Message Passing Interface Book Subtitle: 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing - Google Books Result** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 209-216 . in Parallel Virtual Machine and Message Passing Interface Book Subtitle: 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing - Google Books Result** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 135-147 . in Parallel Virtual Machine and Message Passing Interface Book Subtitle: 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Text Searching on a Heterogeneous Cluster of Workstations - Springer** Recent Advances in Parallel Virtual Machine and Message Passing Interface: 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 52-60 raw performance of MPI ports on top of user level network interfaces are close . 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Support for MPI at the Network Interface Level - Springer** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 249-256 in Parallel Virtual Machine and Message Passing Interface Book Subtitle: 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing** Recent advances in parallel virtual machine and message passing interface. 7th European PVM/MPI Users Group Meeting, Balatonfured, Hungary, September 10-13, 2000 : proceedings Series: Lecture notes in computer science 1908 interface : 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, **Recent advances in parallel virtual machine and message passing** Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 126-134 As a follow-on to PVM, the Harness kernel provides a base set of services . 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Towards a Portable, Fast Parallel AP3M-SPH Code: HYDRA_MPI** 9th European PVM/MPI Users Group Meeting Linz, Austria, September 29 In: Recent Advances in Parallel Virtual Machine and Message Passing Interface. Number 2131 in Lecture Notes in Computer Science, Springer-Verlag (2001) 174182 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, **Recent Advances in Parallel Virtual Machine and Message Passing** Parallel Virtual Machine (PVM) and Message Passing Interface (MPI) are the most frequently used tools Lecture Notes in Computer Science 8th European PVM/MPI Users Group Meeting, Santorini/Thera, Greece, September 23-26, 2001. **An Architecture for a Multi-threaded Harness Kernel - Springer** Recent Advances in Parallel Virtual Machine and Message Passing Interface: 8th European Pvm/Mpi Users Group Meeting, Santorini/Thera, Greece, Recent Advances in Parallel Virtual Machine and Message Passing Interface. Volume 2131 of the series Lecture Notes in Computer Science pp 225-232 in Parallel Virtual Machine and Message Passing Interface Book Subtitle: 8th European PVM/MPI Users Group Meeting Santorini/Thera, Greece, **Parallel Processing and Applied Mathematics: 5th International - Google Books Result** Parallel Virtual

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