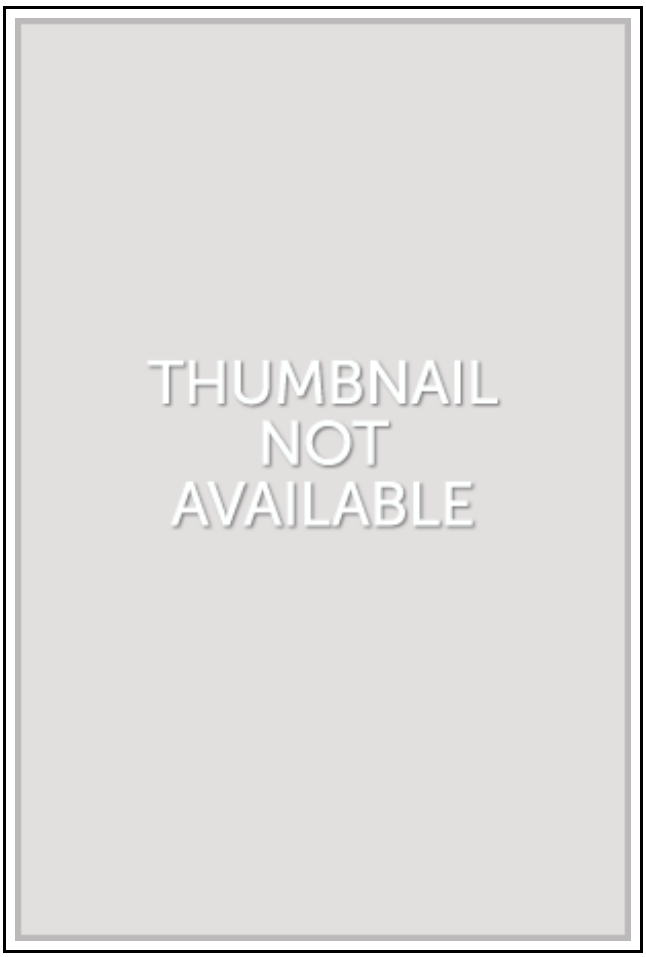
New Horizons of Computational Science: Proceedings of the International Symposium on Supercomputing Held in Tokyo, Japan, September 1 3, 1997



Filesize: 5.39 MB

Reviews

Undoubtedly, this is actually the very best job by any writer. It is loaded with wisdom and knowledge You will not really feel monotony at anytime of your respective time (that's what catalogs are for concerning when you check with me).

(Prof. Lawson Stokes IV)

NEW HORIZONS OF COMPUTATIONAL SCIENCE: PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON SUPERCOMPUTING HELD IN TOKYO, JAPAN, SEPTEMBER 1 3, 1997

DOWNLOAD

Springer. Hardcover. Book Condition: New. Hardcover. 312 pages. Dimensions: 9.6in. x 6.5in. x 0.8in.The International Symposium on Supercomputing - New Horizon of Computational Science was held on September 1-3, 1997 at the Science MuseuminTokyo, tocelebrate60-yearbirthdayofProfessorDaiichiroSug imoto, who hasbeenleadingtheoreticalandnumericalastrophysicsfor 30 years. The conference coveredexceptionally wide range ofsubjects, to follow Sugimotosaccomplishmentsinmanyfields. Onthefirstdaywehadthree talksonstellarevolutionandsixtalksonstellardynamics. Onthesecond day, six talks on special-purpose computingand four talks on large-scale computing in MolecularDynamicswere given. Onthethirdandthelast day, threetalks on dedicatedcomputerson LatticeQCDcalculationsand sixtalksonpresentandfutureofgeneral-purposeHPCsystemsweregiven. Inaddition, some30posterswerepresentedonvarioussubjectsincompu tationalscience. Instellarevolution, D. Arnett (Univ. ofArizona) gaveanexcellenttalk on the recent development in three-dimensionalsimulation ofSupernova, inparticularonquantitativecomparisonbetweendifferenttechniquessuch asgrid-basedmethodsandSPH (SmoothedParticleHydrodynamics). Y. Kondo (NASA) discussedresentadvanceinthemodelingoftheevolution ofbinarystars, and1. Hachisu(Univ. ofTokyo)discussedRayleigh-Taylor instabilitiesinsupernovae(contributionnotincluded). Instellardynamics, P. Hut(lAS)gaveasuperbreviewonthelong-term evolution ofstellarsystem, J. Makino (Univ. ofTokyo) described briefly theresultsobtainedonGRAPE-4special-purposecomputerandthefollow up project, GRAPE-6, whichisapprovedas ofJune 1997. GRAPE-6will be completed by year 2001 with the peak speed around 200 Tflops. R. Spurzem (Rechen-Inst.) and D. Heggie (Univ. of Edinburgh) talked on recentadvanceinthestudyofstarclusters, andE. Athanassoula(Marseille Observatory) describedthe work doneusingtheirGRAPE-3 systems. S. Ida (TokyoInst. ofTechnology) describedthe result ofthe simulationof theformationofMoon. Thefirst talkoftheseconddaywas given by F-H. Hsu oftheIBMT. J. Watson Research center, on Deep Blue, the special-purpose computer for Chess, which, forthefirst timeinthehistory, wonthematchwiththe besthumanplayer, Mr. GaryKasparov(unfortunately, Hsuscontribution isnot included in this volume). Then A. Bakker of Delft Inst. of Tech nology looked back his 20 years ofdevelopingspecial-purpose computers formoleculardynamicsandsimulationofspinsystems. J. Arnoldgavean overviewoftheemergingnewfieldofreconfigurablecomputing, whichfalls inbetweentraditionalgeneral-purposecomputersandspecial-purposecom puters. S. Okumura(NAO)describedthehistoryofultra-high-performance digital signalprocessors for radio astronomy. They havebuilt a machine with 20GaPS performance in early 80s, and keep improvingthe speed. M. Taiji (ISM) told on general aspects of GRAPE-type systems, and T. Narumi (Univ. of Tokyo) the 100-Tflops GRAPE-type machine for MD calculations, whichwillbefinished by 1999. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Hardcover.

Read New Horizons of Computational Science: Proceedings of the International Symposium on Supercomputing Held in Tokyo, Japan, September 1 3, 1997 Online
Download PDF New Horizons of Computational Science: Proceedings of the International Symposium on Supercomputing Held in Tokyo, Japan, September 1 3, 1997

You May Also Like



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who...

Read Book »



Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in.Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

Read Book »



Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in.Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers...

Read Book »



The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she...

Read Book »



Early National City CA Images of America

Arcadia Publishing. Paperback. Book Condition: New. Paperback. 128 pages. Dimensions: 9.1in. x 6.4in. x 0.4in.Below the surface of bustling National City lies the story of olive and citrus orchards, grand Victorian homes, great wealth, and...

Read Book »