



Cost Models for Parallel Programming on Shared Memory Architectures

By Bandettini, Alberto

Condition: New. Publisher/Verlag: Edizioni Accademiche Italiane | A Methodological and Structured Approach to Performance Prediction | Currently, multiprocessors and multi-cores are very complex and heterogeneous systems with parallelism exploited at processes level. The trend seems that the number of cores per chip is expected to double every two years - the idea is to substitute few complex and power-consuming CPUs with many smaller and simpler CPUs that can deliver better performance per watt. Such architectures can be exploited efficiently provided that applications are able to do it. In order to do so a methodological and structured approach is needed to keep low the complexity of the resolution. On one hand, structured parallel programming is used in order to create parallel applications independent of the underline architecture. On the other hand, a cost model in association with an abstract architecture is needed from the performance prediction point of view. This book is a contribution on that approach enhancing the cost models for shared memory architectures and its accuracy with particular care to parallel application constraints. | Format: Paperback | Language/Sprache: english | 152 pp.



READ ONLINE
[4.51 MB]

Reviews

This pdf will be worth buying. Better than never, though i am quite late in start reading this one. I am easily can get a enjoyment of reading through a published book.

-- Paul Ankunding

It in one of my personal favorite publication. Indeed, it is actually perform, still an amazing and interesting literature. Its been printed in an exceptionally easy way which is merely soon after i finished reading this book where really altered me, change the way i believe.

-- Neal Homenick IV

See Also



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. Academic exercises are based on Common Core...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...