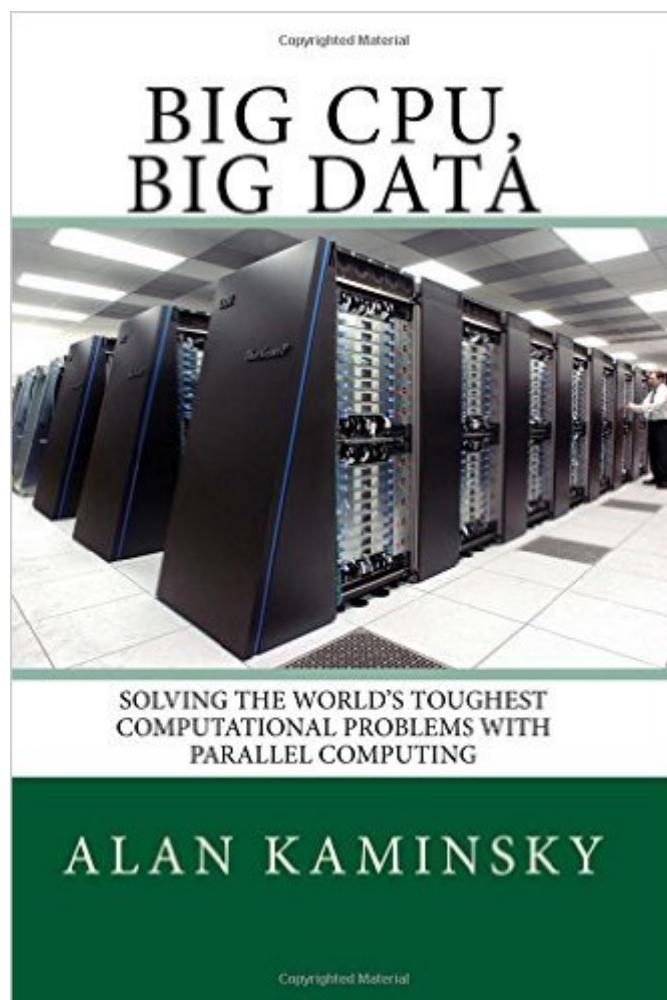


The book was found

Big CPU, Big Data: Solving The World's Toughest Computational Problems With Parallel Computing



Synopsis

In the twenty-first century, scientists and engineers are tackling the world's toughest computational problems with parallel computing. Using multiple processor cores running simultaneously, parallel computers are solving these problems in less time and with greater accuracy than ever before. Even desktop PCs nowadays are powerful parallel computers. To take full advantage of the capabilities of these machines, programmers must learn to write parallel programs. **BIG CPU, BIG DATA** teaches you how to write parallel programs for multicore machines, compute clusters, GPU accelerators, and big data map-reduce jobs, in the Java language, with the free, easy-to-use, object-oriented Parallel Java 2 Library. The book also covers how to measure the performance of parallel programs and how to design the programs to run as fast as possible.

Book Information

Paperback: 504 pages

Publisher: CreateSpace Independent Publishing Platform; 1 edition (July 30, 2016)

Language: English

ISBN-10: 1534872280

ISBN-13: 978-1534872288

Product Dimensions: 6 x 1.1 x 9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #519,957 in Books (See Top 100 in Books) #55 in Books > Computers & Technology > Programming > Parallel Programming

[Download to continue reading...](#)

Big CPU, Big Data: Solving the World's Toughest Computational Problems with Parallel Computing

Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Parallel Scientific Computing in C++ and MPI: A

Seamless Approach to Parallel Algorithms and their Implementation Introduction to Parallel

Computing: Design and Analysis of Parallel Algorithms Data Analytics: Practical Data Analysis and

Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics,

Data ... (Hacking Freedom and Data Driven) (Volume 2) CUDA Programming: A Developer's Guide

to Parallel Computing with GPUs (Applications of Gpu Computing) Analytics: Data Science, Data

Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical

Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Big Data Appliances for

In-Memory Computing: A Real-World Research Guide for Corporations to Tame and Wrangle Their Data CoArrays: Parallel Programming in Fortran (Chapman & Hall/CRC Computational Science) Parallel Programming: Techniques and Applications Using Networked Workstations and Parallel Computers (2nd Edition) Parallel Programming with Intel Parallel Studio XE Short Stories in Spanish: New Penguin Parallel Text (New Penguin Parallel Texts) (Spanish and English Edition) Learn German: Parallel Text - Easy, Funny Stories (German - English) - Bilingual (Learning German with Parallel Text Book 1) Learn German III: Parallel Text - Easy Stories (German - English) Bilingual - Dual Language (Learning German with Parallel Text 3) (German Edition) Neuro-Fuzzy and Soft Computing: A Computational Approach to Learning and Machine Intelligence Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Swift: Programming, Master's Handbook; A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... engineering, r programming, iOS development) Ruby: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python,) Java Programming: Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... web design, tech, perl, ajax, swift, python) Php: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... engineering, r programming, iOS development,)

[Dmca](#)