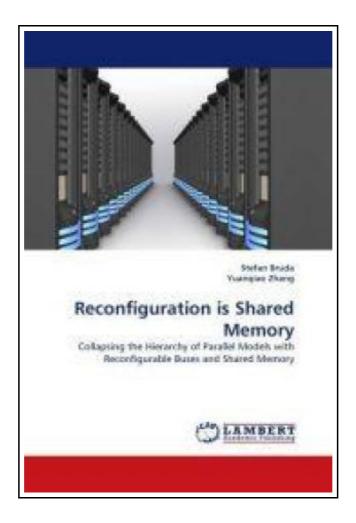
Reconfiguration is Shared Memory



Filesize: 4.23 MB

Reviews

The book is great and fantastic. It is probably the most remarkable pdf i have got read through. You can expect to like the way the article writer compose this ebook.

(Mr. Ethel Schmeler)

RECONFIGURATION IS SHARED MEMORY



LAP Lambert Acad. Publ. Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Many models of parallel computation have been developed over the years. Models with shared memory are useful for deriving strong lower bounds, and have also been implemented recently. Models with reconfigurable buses have proven an excellent model for VLSI circuit design and are also easily implementable in VLSI. The hierarchy of either model has not been established completely, and the two models have not been related to each other. In this work we first collapse the hierarchy of reconfiguration, showing that Collision can simulate all the conflict resolution rules including the unrealistic but convenient Combining. We also collapse the hierarchy of shared memory, showing that the convenient but unrealistic Broadcast instruction does not add computational power. We then show that shared memory and reconfiguration are in fact equivalent. This simplifies greatly the area of parallel algorithms. Beside the obvious use for researchers in the area of parallel models, our work offers strong support for converting algorithms and techniques between shared memory and reconfigurable buses, and also for practitioners implementing PRAM models and algorithms or working on VLSI design. 84 pp. Englisch.



Read Reconfiguration is Shared Memory Online Download PDF Reconfiguration is Shared Memory

Other PDFs



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Read eBook »



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

Read eBook »



Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal...

Read eBook »



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

Read eBook »



Adobe Indesign CS/Cs2 Breakthroughs

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and...

Read eBook »