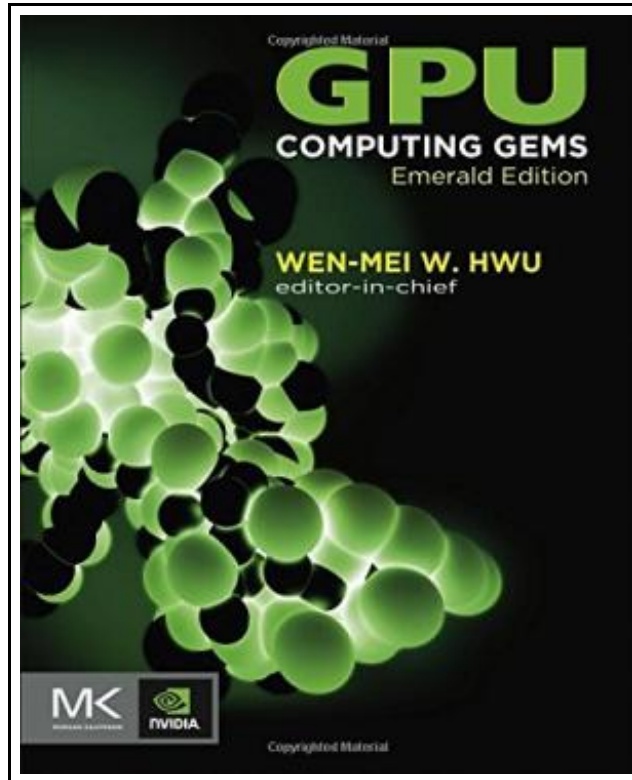


GPU Computing Gems



Filesize: 9.69 MB

Reviews

Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.

(Melany Goyette)

GPU COMPUTING GEMS



Elsevier Science & Technology. Hardback. Book Condition: new. BRAND NEW, GPU Computing Gems, Wen-mei W. Hwu, ".the perfect companion to Programming Massively Parallel Processors by Hwu & Kirk." -Nicolas Pinto, Research Scientist at Harvard & MIT, NVIDIA Fellow 2009-2010 Graphics processing units (GPUs) can do much more than render graphics. Scientists and researchers increasingly look to GPUs to improve the efficiency and performance of computationally-intensive experiments across a range of disciplines. GPU Computing Gems: Emerald Edition brings their techniques to you, showcasing GPU-based solutions including: * Black hole simulations with CUDA* GPU-accelerated computation and interactive display of molecular orbitals* Temporal data mining for neuroscience* GPU -based parallelization for fast circuit optimization* Fast graph cuts for computer vision* Real-time stereo on GPGPU using progressive multi-resolution adaptive windows* GPU image demosaicing* Tomographic image reconstruction from unordered lines with CUDA* Medical image processing using GPU -accelerated ITK image filters*41 more chapters of innovative GPU computing ideas, written to be accessible to researchers from any domain GPU Computing Gems: Emerald Edition is the first volume in Morgan Kaufmann's Applications of GPU Computing Series, offering the latest insights and research in computer vision, electronic design automation, emerging data-intensive applications, life sciences, medical imaging, ray tracing and rendering, scientific simulation, signal and audio processing, statistical modeling, and video / image processing. * Covers the breadth of industry from scientific simulation and electronic design automation to audio / video processing, medical imaging, computer vision, and more* Many examples leverage NVIDIA's CUDA parallel computing architecture, the most widely-adopted massively parallel programming solution* Offers insights and ideas as well as practical "hands-on" skills you can immediately put to use.



[Read GPU Computing Gems Online](#)



[Download PDF GPU Computing Gems](#)

Other eBooks



Hands-On Worship Fall Kit (Hardback)

Group Publishing (CO), United States, 2015. Hardback. Book Condition: New. 305 x 229 mm. Language: English . Brand New Book. Hands-On Worship(TM) It s more than LEARNING about God. its about ENCOUNTERING God! Hands-On...

[Download Book »](#)



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

[Download Book »](#)



The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the...

[Download Book »](#)



Accused: My Fight for Truth, Justice and the Strength to Forgive

BenBella Books. Hardback. Book Condition: new. BRAND NEW, Accused: My Fight for Truth, Justice and the Strength to Forgive, Tonya Craft, Mark Dagostino, This is the true story of a woman who prevailed against the...

[Download Book »](#)



Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)

Prometheus Books, United States, 2000. Hardback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. The Internet may now be the most powerful, single source of information in the world, and...

[Download Book »](#)