



## GPU-Based Parallel Implementation of Swarm Intelligence Algorithms

By Ying Tan

ELSEVIER SCIENCE TECHNOLOGY, United States, 2016. Paperback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book. GPU-based Parallel Implementation of Swarm Intelligence Algorithms combines and covers two emerging areas attracting increased attention and applications: graphics processing units (GPUs) for general-purpose computing (GPGPU) and swarm intelligence. This book not only presents GPGPU in adequate detail, but also includes guidance on the appropriate implementation of swarm intelligence algorithms on the GPU platform. GPU-based implementations of several typical swarm intelligence algorithms such as PSO, FWA, GA, DE, and ACO are presented and having described the implementation details including parallel models, implementation considerations as well as performance metrics are discussed. Finally, several typical applications of GPU-based swarm intelligence algorithms are presented. This valuable reference book provides a unique perspective not possible by studying either GPGPU or swarm intelligence alone. This book gives a complete and whole picture for interested readers and new comers who will find many implementation algorithms in the book suitable for immediate use in their projects. Additionally, some algorithms can also be used as a starting point for further research. \* Presents a concise but sufficient introduction to generalpurpose GPU computing which can help the layman become...



## Reviews

This created publication is excellent. It generally does not price a lot of. You may like just how the writer create this pdf.

-- Jo Kuhlman

This is actually the very best publication i have read through till now. It is definitely simplistic but unexpected situations in the 50 % in the pdf. You can expect to like just how the article writer compose this pdf.

-- Ms. Elinore Wintheiser

## See Also



## Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



Some of My Best Friends Are Books: Guiding Gifted Readers from Preschool to High School Book Condition: Brand New. Book Condition: Brand New.



Letters to Grant Volume 2: Volume 2 Addresses a Kaleidoscope of Stories That Primarily, But Not Exclusively, Occurred in the United States. It de

Createspace, United States, 2013. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Volume 2 addresses a kaleidoscope of stories that primarily, but not exclusively, occurred in the United States. It describes in...



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new book. the subject of genuine special part...



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is