Платные книги

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| --- | --- | --- | --- | --- |
| Название / Автор | Ссылки | Амазон: оценка (кол-во комментариев) | Цитирование | g-index |
| Shared Memory Application Programming: Concepts and Strategies in Multicore Application Programming 1st Edition[Victor Alessandrini](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Victor+Alessandrini&search-alias=books&field-author=Victor+Alessandrini&sort=relevancerank) | <http://www.amazon.com/Shared-Memory-Application-Programming-Strategies/dp/012803761X>  <http://store.elsevier.com/Shared-Memory-Application-Programming/Victor-Alessandrini/isbn-9780128037614/> | - | 0 / 371 | 0 / >18 |
| Multicore and GPU Programming: An Integrated Approach 1st Edition[Gerassimos Barlas](http://www.amazon.com/Gerassimos-Barlas/e/B00PIWROAO/ref=dp_byline_cont_book_1) | <http://www.amazon.com/Multicore-GPU-Programming-Integrated-Approach/dp/0124171370> | 3.7(3) | 4 / 703 | >1 / 26 |
| The Art of Multiprocessor Programming, Revised Reprint 1st Edition [Maurice Herlihy](http://www.amazon.com/Maurice-Herlihy/e/B001IGOOJI/ref=dp_byline_cont_book_1), [Nir Shavit](http://www.amazon.com/Nir-Shavit/e/B001IGQS60/ref=dp_byline_cont_book_2) | <http://www.amazon.com/The-Multiprocessor-Programming-Revised-Reprint/dp/0123973376> | 4.1(27) | 951 / 16134 | >1 / >50 |
| An Introduction to Parallel Programming 1st Edition[Peter Pacheco](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Peter+Pacheco&search-alias=books&field-author=Peter+Pacheco&sort=relevancerank) | <http://www.amazon.com/Introduction-Parallel-Programming-Peter-Pacheco/dp/0123742609>  <http://store.elsevier.com/An-Introduction-to-Parallel-Programming/Peter-Pacheco/isbn-9780123742605/> | 4.0(20) | 196 / 2174 | >1 / >35 |
| Multicore Application Programming: for Windows, Linux, and Oracle Solaris (Developer's Library) 1st Edition[Darryl Gove](http://www.amazon.com/Darryl-Gove/e/B001IQXITK/ref=dp_byline_cont_book_1) | <http://www.amazon.com/Multicore-Application-Programming-Windows-Developers/dp/0321711378> | 4.5(4) | 33 / 189 | >1 / 13 |
| Multicore Software Development Techniques: Applications, Tips, and Tricks (Newnes Pocket Books) 1st Edition[Robert Oshana](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Robert+Oshana&search-alias=books&field-author=Robert+Oshana&sort=relevancerank) | <http://www.amazon.com/Multicore-Software-Development-Techniques-Applications/dp/0128009586> | - | 0 / 196 | 0 / 13 |
| Programming Models for Parallel Computing (Scientific and Engineering Computation) [Pavan Balaji](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Pavan+Balaji&search-alias=books&field-author=Pavan+Balaji&sort=relevancerank) | <http://www.amazon.com/Programming-Computing-Scientific-Engineering-Computation/dp/0262528819> | - | 0 / 1692 | 0 / 39 |
| Parallel Computer Organization and Design 1st Edition[Professor Michel Dubois](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Professor+Michel+Dubois&search-alias=books&field-author=Professor+Michel+Dubois&sort=relevancerank), [Murali Annavaram](http://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&text=Murali+Annavaram&search-alias=books&field-author=Murali+Annavaram&sort=relevancerank), [Per Stenström](http://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&text=Per+Stenstr%C3%B6m&search-alias=books&field-author=Per+Stenstr%C3%B6m&sort=relevancerank) | <http://www.amazon.com/Parallel-Computer-Organization-Design-Professor/dp/0521886759> | 4.8(4) | 0 / 44733 | >0 / >50 |
| Structured Parallel Programming: Patterns for Efficient Computation 1st Edition[Michael McCool](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Michael+McCool&search-alias=books&field-author=Michael+McCool&sort=relevancerank), [James Reinders](http://www.amazon.com/James-Reinders/e/B001JSJMUG/ref=dp_byline_cont_book_2), [Arch Robison](http://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&field-author=Arch+Robison&search-alias=books&text=Arch+Robison&sort=relevancerank) | <http://www.amazon.com/Structured-Parallel-Programming-Efficient-Computation/dp/0124159931>  <https://www.elsevier.com/books/structured-parallel-programming/mccool/978-0-12-415993-8> | 4.7(6) | 162 / 2829 | >1 / >50 |
| Parallel Computing for Data Science: With Examples in R, C++ and CUDA (Chapman & Hall/CRC The R Series)[Norman Matloff](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Norman+Matloff&search-alias=books&field-author=Norman+Matloff&sort=relevancerank) | [http://www.amazon.com/Parallel-Computing-Data-Science-Examples/dp/1466587016](http://www.amazon.com/Parallel-Computing-Data-Science-Examples/dp/1466587016/ref=sr_1_22?ie=UTF8&qid=1456158898&sr=8-22&keywords=multicore+programming) | 3(3) | 0 / 1125 | >0 / 31 |
| Masterkurs Parallele und Verteilte Systeme: Grundlagen und Programmierung von Multicore-Prozessoren, Multiprozessoren, Cluster, Grid und Cloud (German Edition) (German) 2nd Edition[Günther Bengel](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=G%C3%BCnther+Bengel&search-alias=books&field-author=G%C3%BCnther+Bengel&sort=relevancerank), [Christian Baun](http://www.amazon.com/Christian-Baun/e/B00457ZF0E/ref=dp_byline_cont_book_2), [Marcel Kunze](http://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&text=Marcel+Kunze&search-alias=books&field-author=Marcel+Kunze&sort=relevancerank), [Karl-Uwe Stucky](http://www.amazon.com/s/ref=dp_byline_sr_book_4?ie=UTF8&text=Karl-Uwe+Stucky&search-alias=books&field-author=Karl-Uwe+Stucky&sort=relevancerank) | <http://www.amazon.com/Masterkurs-Parallele-Verteilte-Systeme-Multicore-Prozessoren/dp/383481671X> | - | 27 / 2262 | >2 / 47 |
| Parallel Programming: for Multicore and Cluster Systems 2nd ed.[Thomas Rauber](http://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Thomas+Rauber&search-alias=books&field-author=Thomas+Rauber&sort=relevancerank), [Gudula Rünger](http://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&field-author=Gudula+R%C3%BCnger&search-alias=books&text=Gudula+R%C3%BCnger&sort=relevancerank) | [http://www.amazon.com/Parallel-Programming-Multicore-Cluster-Systems/dp/3642378005](http://www.amazon.com/Parallel-Programming-Multicore-Cluster-Systems/dp/3642378005/ref=sr_1_4?ie=UTF8&qid=1456074974&sr=8-4&keywords=multicore+programming) | 5(1) | 244 / 1410 | >1 / 34 |
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Бесплатные книги

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| Название / Автор | Ссылки | Амазон: оценка (кол-во комментариев) | Цитирование | g-index |
| Introduction to Parallel Computing *Blaise Barney* | <https://computing.llnl.gov/tutorials/parallel_comp/> | - | 201 / 486 | >1 / 21 |
| Introduction to High-Performance Scientific ComputingVictor Eijkhout | <http://pages.tacc.utexas.edu/~eijkhout/istc/istc.html>  <http://www.freetechbooks.com/introduction-to-high-performance-scientific-computing-t792.html> | 3.5(2) | 27 / 5355 | >2 / >50 |
| The Practice of Parallel Programming Sergey Babkin | <http://freecomputerbooks.com/The-Practice-of-Parallel-Programming.html>  <http://www.amazon.com/Practice-Parallel-Programming-Sergey-Babkin/dp/1451536615?ie=UTF8&s=books&qid=1271686512&sr=1-1>  <http://www.onlineprogrammingbooks.com/free-book-the-practice-of-parallel-programming/>  <http://www.freetechbooks.com/the-practice-of-parallel-programming-t862.html> | 4.5(2) | 3 / 8 | 1 / 2 |
| Programming on Parallel Machines : GPU, Multicore, Clusters and More  Norm Matloff | <http://heather.cs.ucdavis.edu/~matloff/158/PLN/ParProcBook.pdf>  <http://heather.cs.ucdavis.edu/parprocbook>  <http://freecomputerbooks.com/Programming-on-Parallel-Machines.html> | - | 0 / 62 | 0 / 7 |
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Журналы

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| Название/редактор | Ссылки | SNIP | SJR |
| [Transactions on Parallel and Distributed Systems](https://www.computer.org/web/tpds)  [David A. Bader](http://www.cc.gatech.edu/%7Ebader) | <https://www.computer.org/web/tpds> | 3.892 | 2.017 |
| Parallel ComputingJeffrey Hollingsworth | <http://www.journals.elsevier.com/parallel-computing/>  <http://www.sciencedirect.com/science/journal/01678191> | 2.141 | 1.232 |
| Journal of Parallel and Distributed Computing[Viktor Prasanna](http://www.journals.elsevier.com/journal-of-parallel-and-distributed-computing/editorial-board/viktor-prasanna/#contact) | <http://www.journals.elsevier.com/journal-of-parallel-and-distributed-computing/>  <http://www.sciencedirect.com/science/journal/07437315> | 1.991 | 1.093 |
| Parallel Processing Letters  Selim G. Akl | <https://en.wikipedia.org/wiki/Parallel_Processing_Letters>  <http://www.worldscientific.com/loi/ppl> | 1.453 | 0.499 |
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Курсы

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| Название / автор | Ссылки | h/g |  |  |
| Parallel Computing Alan Edelman | <http://ocw.mit.edu/courses/mathematics/18-337j-parallel-computing-fall-2011/> | 38/>50 |  |  |
| Parallel Programming for Multicore Machines Using OpenMP and MPI Constantinos Evangelinos | <http://ocw.mit.edu/courses/earth-atmospheric-and-planetary-sciences/12-950-parallel-programming-for-multicore-machines-using-openmp-and-mpi-january-iap-2010/> | 10/27 |  |  |
| Parallel Programming for Multicore [Kathy Yelick](http://www.cs.berkeley.edu/%7Eyelick) | <http://www.cs.berkeley.edu/~yelick/cs194f07/main.html#lectures> | 8/36 |  |  |
| High Performance Scientific Computing  Randy LeVeque | <https://www.coursera.org/course/scicomp> | 2/3 |  |  |
| Heterogeneous Parallel Programming Wen-mei W. Hwu | <https://ru.coursera.org/course/hetero>  <https://www.coursetalk.com/providers/coursera/courses/heterogeneous-parallel-programming> | >50/>50 |  |  |
| Multicore Programming Tom Van Cutsem | <http://soft.vub.ac.be/~tvcutsem/multicore/> | 14/26 |  |  |
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