|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Название | ссылки | Амазон: оценка(колво коммент) | GT автор, % |  |
| 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 |  |
| 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) | 0 |  |
| 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) | 0 |  |
| 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) |  |  |
| 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) | 0 |  |
| 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 |  |
| 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> | - |  |  |
| 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) |  |  |
| 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) |  |  |
| 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 |  |
| 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> | - | 0 |  |
| 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) | 0 |  |
|  |  |  |  |  |

Рус книги

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Название | ссылки | Отзывы google books | Оценка Google play | Лабиринт |
| Параллельное программирование и многопроцессорные системыДанил Шайхутдинов, Константин Широков, Вячеслав Дубров | <https://www.ozon.ru/context/detail/id/31790842/>  [www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-66147-1/Параллельное-программирование-и-многопроцессорные-системы](http://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-66147-1/Параллельное-программирование-и-многопроцессорные-системы) |  |  |  |
| Введение в параллельные методы решения задач. Учебное пособие[Михаил Якобовский](https://www.ozon.ru/person/24167939/) | <https://www.ozon.ru/context/detail/id/23944160/> |  |  |  |
| Современные языки и технологии параллельного программирования [Виктор Гергель](https://www.ozon.ru/person/3513084/) | <https://www.ozon.ru/context/detail/id/19453470/> |  |  |  |
| Инструменты параллельного программирования в системах с общей памятью [Кирилл Корняков](https://www.ozon.ru/person/7381512/), [Валентина Кустикова](https://www.ozon.ru/person/7381513/), [Иосиф Мееров](https://www.ozon.ru/person/7381515/), [Алексей Сиднев](https://www.ozon.ru/person/7381517/), [Александр Сысоев](https://www.ozon.ru/person/7381536/), [Александр Шишков](https://www.ozon.ru/person/7381537/) | <https://www.ozon.ru/context/detail/id/7374160/> |  |  |  |
| Технологии параллельного программирования MPI и OpenMP [Александр Антонов](https://www.ozon.ru/person/19963520/) | <https://www.ozon.ru/context/detail/id/19898952/>  <http://www.labirint.ru/books/381170/> |  |  | 10(1) |
| Практикум по методам параллельных вычислений [Александр Старченко](https://www.ozon.ru/person/7380647/), [Евгений Данилкин](https://www.ozon.ru/person/7380648/), [Валентина Николаева](https://www.ozon.ru/person/356225/), [Сергей Проханов](https://www.ozon.ru/person/7380649/) | <https://www.ozon.ru/context/detail/id/7374161/> |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Ин бес книги

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Introduction to Parallel Computing *Blaise Barney* | <https://computing.llnl.gov/tutorials/parallel_comp/> | - |  |  |
| Introduction to High-Performance Scientific ComputingVictor Eijkhout | <http://pages.tacc.utexas.edu/~eijkhout/istc/istc.html> | 3.5 |  |  |
| Programming on Parallel Machines  Norm Matloff | <http://heather.cs.ucdavis.edu/~matloff/158/PLN/ParProcBook.pdf>  <http://heather.cs.ucdavis.edu/parprocbook> | - |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Рус бес кн

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Название | ссылки | Отзывы google books | Оценка Google play |  |
|  |  |  |  |  |
| Модели параллельного программирования Федотов Илья | <https://www.ozon.ru/context/detail/id/32601447/>  <http://pp-book.narod.ru/ppm-book.html>  <http://scanlibs.com/modeli-parallelnogo-programmirovaniya/> |  |  |  |
| Основы параллельного программирования. Учебное пособие  [Кирилл Богачев](https://www.google.ru/search?hl=ru&tbo=p&tbm=bks&q=inauthor:%22%D0%9A%D0%B8%D1%80%D0%B8%D0%BB%D0%BB+%D0%91%D0%BE%D0%B3%D0%B0%D1%87%D0%B5%D0%B2%22) | <https://www.ozon.ru/context/detail/id/28338796/> [https://books.google.ru/books?id=AhWlAgAAQBAJ&dq="Основы+параллельного+программирования+учебное+пособие"hl=ru&source=gbs\_navlinks\_s](https://books.google.ru/books?id=AhWlAgAAQBAJ&dq=%22Основы+параллельного+программирования+учебное+пособие%22hl=ru&source=gbs_navlinks_s) | 1 | 5(1) |  |
| Вычисления на многопроцессорных компьютерах. Параллельные вычисления на основе технологии OpenMP: учебное пособие [Алексей Геннадьевич Абрамов](https://www.google.ru/search?hl=ru&tbo=p&tbm=bks&q=inauthor:%22%D0%90%D0%BB%D0%B5%D0%BA%D1%81%D0%B5%D0%B9+%D0%93%D0%B5%D0%BD%D0%BD%D0%B0%D0%B4%D1%8C%D0%B5%D0%B2%D0%B8%D1%87+%D0%90%D0%B1%D1%80%D0%B0%D0%BC%D0%BE%D0%B2%22) | <https://books.google.ru/books?id=9n7UkQEACAAJ&dq=параллельные+вычисления&hl=ru&sa=X&ved=0ahUKEwi_zKeMs6HLAhXLiCwKHSjuBjQQ6AEIHDAA>  <http://elib.spbstu.ru/dl/2/5187.pdf/info> |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Ин курсы

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Рус курсы (http://www.hpcc.unn.ru/?dir=804)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Параллельное программирование Лектор:  [Евгений Калишенко](https://www.lektorium.tv/speaker/2986), [Алексей Злобин](https://www.lektorium.tv/speaker/23397) | https://www.lektorium.tv/course/23050 |  |  |  |
| Параллельное программирование [Роман Елизаров](https://www.lektorium.tv/speaker/2694) | https://www.lektorium.tv/course/22757 |  |  |  |
| Эффективные параллельные алгоритмы: методика BSP [Александр Тискин](https://www.lektorium.tv/speaker/3149) | https://www.lektorium.tv/course/22913 |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Ин журналы

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Название/редактор | Ссылки | SNIP | IPP | SJR | Impact factor | 5-Year Impact Factor |
| [Transactions on Parallel and Distributed Systems](https://www.computer.org/web/tpds)  **Editor-in-Chief** [David A. Bader](http://www.cc.gatech.edu/%7Ebader) | <https://www.computer.org/web/tpds> | 3.892 | 3.106 | 2.017 |  |  |
| Parallel ComputingEditor-in-Chief: [J. Hollingsworth](http://www.journals.elsevier.com/parallel-computing/editorial-board/j-hollingsworth/) | <http://www.journals.elsevier.com/parallel-computing/>  <http://www.sciencedirect.com/science/journal/01678191> | 2.141 | 2.076 | 1.232 | 1.511 | 1.781 |
| Journal of Parallel and Distributed ComputingEditor-in-Chief: [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 | 1.624 | 1.093 | 1.179 | 1.213 |
| Parallel Processing Letters  Edited by Selim G. Akl | <https://en.wikipedia.org/wiki/Parallel_Processing_Letters>  <http://www.worldscientific.com/loi/ppl> | 1.453 | 0.921 | 0.499 |  |  |
|  |  |  |  |  |  |  |

Рус жур

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |