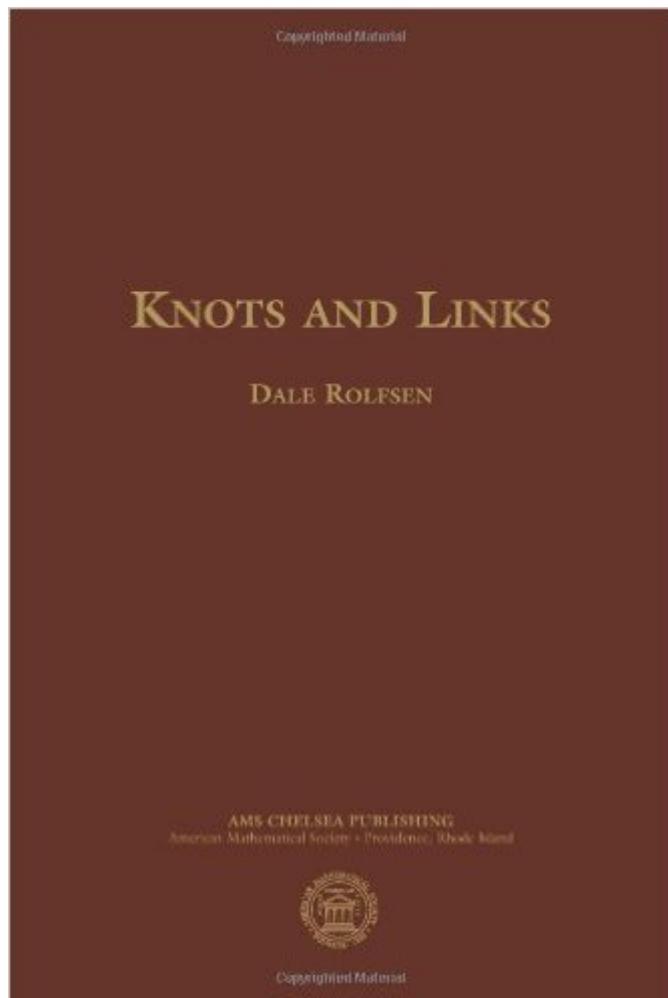


The book was found

Knots And Links (AMS Chelsea Publishing)



Synopsis

Rolfsen's beautiful book on knots and links can be read by anyone, from beginner to expert, who wants to learn about knot theory. Beginners find an inviting introduction to the elements of topology, emphasizing the tools needed for understanding knots, the fundamental group and van Kampen's theorem, for example, which are then applied to concrete problems, such as computing knot groups. For experts, Rolfsen explains advanced topics, such as the connections between knot theory and surgery and how they are useful to understanding three-manifolds. Besides providing a guide to understanding knot theory, the book offers 'practical' training. After reading it, you will be able to do many things: compute presentations of knot groups, Alexander polynomials, and other invariants; perform surgery on three-manifolds; and visualize knots and their complements. It is characterized by its hands-on approach and emphasis on a visual, geometric understanding. Rolfsen offers invaluable insight and strikes a perfect balance between giving technical details and offering informal explanations. The illustrations are superb, and a wealth of examples are included. Now back in print by the AMS, the book is still a standard reference in knot theory. It is written in a remarkable style that makes it useful for both beginners and researchers. Particularly noteworthy is the table of knots and links at the end. This volume is an excellent introduction to the topic and is suitable as a textbook for a course in knot theory or 3-manifolds. Other key books of interest on this topic available from the AMS are ""The Shoelace Book: A Mathematical Guide to the Best (and Worst) Ways to Lace your Shoes"" and ""The Knot Book"".

Book Information

Series: AMS Chelsea Publishing

Hardcover: 439 pages

Publisher: Amer Mathematical Society (December 2003)

Language: English

ISBN-10: 0821834363

ISBN-13: 978-0821834367

Product Dimensions: 1.2 x 7 x 10 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â See all reviews Â (1 customer review)

Best Sellers Rank: #1,040,683 in Books (See Top 100 in Books) #236 in Books > Science & Math > Mathematics > Geometry & Topology > Topology

Customer Reviews

I'm not a knot theorist or topologist at all, but I've found this useful as a source for basic results and for picking up some basic facts about knots and low-dimensional topology. It's widely cited, and for good reasons. Missing many important recent (and even not-so-recent by now) topics, but perhaps this is not the right place for them anyway.

[Download to continue reading...](#)

Knots and Links (AMS Chelsea Publishing) Knots: Your Detailed Guide To Tying And Using Knots With Step by Step Instructions: (Paracord Knots, Ropes And Knots) (Knot Tying, Knots Book) Geometry and the Imagination (AMS Chelsea Publishing) Set Theory and Metric Spaces (AMS Chelsea Publishing) Class Field Theory (AMS Chelsea Publishing) Book of Sailing Knots: How To Tie And Correctly Use Over 50 Essential Knots My Horizontal Life: A Collection of One Night Stands (A Chelsea Handler Book/Borderline Amazing Publishing) KNOTS: Your Complete Step By Step Guide To Knot, Knot Uses & Not Tying (Paracord, Craft Business, Knot Tying, Fusion Knots, Knitting, Quilting, Sewing) Knots: A Folding Pocket Guide to Purposeful Knots (Pocket Tutor Series) Rhodie's Guide to Rescue Knots: 3rd Edition of Knots for the Rescue Service Bonhams of Chelsea: Diecast and Tinplate Toys, Live Steam Locomotives, Engines and Models: Thursday 28th March 1996 Chelsea's Chinese New Year (Cloverleaf Books - Holidays and Special Days) Ghost Orchids / Chinese Cypripediums / The Chelsea Flower Show (Orchids, Volume 75, Number 10, October 2006) Complete Guide to Self Publishing: Everything You Need to Know to Write, Publish, Promote, and Sell Your Own Book (Self-Publishing 4th Edition) How To Write Erotica: A Beginner's Guide To Writing, Self-Publishing And Making Money As An Erotica Author! (How To Write Erotica, Self-Publishing Erotica, Writing Erotica For Beginners) Book Publishing With InDesign CC: Using Desktop Publishing Power To Self-Publish Your Book The Nursing Assistant's Handbook 2nd (second) Edition by Hartman Publishing Inc., Jetta Fuzy RN MS published by Hartman Publishing, Inc. (2006) How To Sell Romance Novels On Kindle. Marketing Your Ebook In 's Ecosystem: A Guide For Kindle Publishing Authors. (How To Sell Fiction On Kindle. ... A Guide For Kindle Publishing Authors. 3) LEARN IN A DAY! DATA WAREHOUSING. Top Links and Resources for Learning Data Warehousing ONLINE and OFFLINE: Use these FREE and PAID resources to Learn Data Warehousing in little to no time Tor Browser Handbook: Quick Start Guide On How To Access The Deep Web, Hide Your IP Address and Ensure Internet Privacy (Includes a Tor Installation Guide for Linux & Windows + Over 50 Helpful Links)

[Dmca](#)