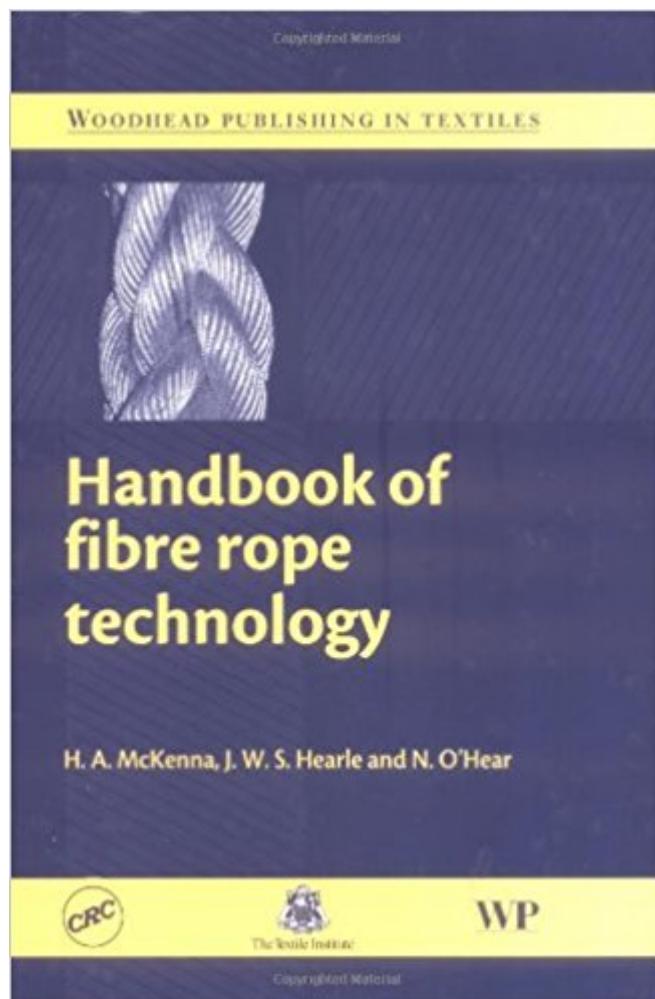


The book was found

Handbook Of Fibre Rope Technology



Synopsis

Modern ropes made from natural or synthetic fibres have applications from the conventional to the more unusual systems such as anchoring off-shore rigs safely to the sea bed, keeping a building upright during an earthquake, and mountain climbing. For dependable rope performance, their manufacture requires a thorough knowledge of mechanics, structures, and material properties. Written in a style that reads fluidly from cover to cover, the *Handbook of Fibre Rope Technology* is the first book to chronicle the history and development of the rope fiber industry, from ancient times to the present. The authors use photographs, charts, and cross-sectional illustrations to analyze the structural and chemical properties of popular materials, including natural fibers, polymers, and aramid fibers. They present the terminology, relationships, and calculations used to determine mechanical and physical properties, including strength, tension, and durability of different rope structures. The authors also present details of production and termination, visual signs of wear, and several practical testing techniques used to determine the lifespan of different ropes. Reinforcing all of the principles discussed in this book with a detailed account of modern uses, a discussion of today's market standards and conditions, and 12 in-depth case studies, the *Handbook of Fibre Rope Technology* is an outstanding technical resource that will assist in the design, selection, use, inspection, testing, and marketing of natural and synthetic fiber ropes.

Book Information

Hardcover: 416 pages

Publisher: CRC Press; 1 edition (May 4, 2004)

Language: English

ISBN-10: 0849325889

ISBN-13: 978-0849325885

Product Dimensions: 9.8 x 6.9 x 1.2 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #719,153 in Books (See Top 100 in Books) #166 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #236 in Books > Science & Math > Chemistry > Industrial & Technical #739 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science

Customer Reviews

The handbook is a unique resource, covering not only the history of fiber rope technology, but also

the modern material properties and construction of natural and manmade fiber ropes. … [R]ecommended for college and university libraries supporting Engineering, Physics, Industrial Design, Maritime and Defense programs. - E-Streams, Vol. 8, No. 8, 2005

Henry McKenna is President of Tension Technology International which is based in the USA and UK. He has extensive experience in rope manufacturing techniques, technology of fibre materials, rope handling machinery and systems design, accident investigations and industry sales and distribution.J. W. S. Hearle, M.A., Sc.D., Ph.D., C.Text F.T.I (Hon.), F.Inst.P, is Emeritus Professor of Textile Technology in the University of Manchester, UK.Nick O'â€ Hear is Technical Director of Tension Technology International. He has more than 20 yearsâ€ experience working with ropes and cables and has developed new electro-mechanical cables for defence and offshore applications and is currently working on non-destructive testing methods for ropes by means of fibre optics and Brillouin scattering. --This text refers to an alternate Hardcover edition.

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

Handbook of Fibre Rope Technology On Rope: North American Vertical Rope Techniques for Caving ... Rappellers Fibre and Micro-Concrete Roofing Tiles: Production Process and Tile-Laying Techniques (Technology Series. Technical Memorandum, No. 16) Brain and spinal cord;: A manual for the study of the morphology and fibre-tracts of the central nervous system, IBS-IBD Fiber Charts: Soluble & Insoluble Fibre Data for Over 450 Items, Including Links to Internet Resources Carbon Fibre from Lignin (SpringerBriefs in Materials) Blockchain: Step By Step Guide To Understanding The Blockchain Revolution And The Technology Behind It (Information Technology, Blockchain For Beginners,Bitcoin, Blockchain Technology) Fintech: Simple and Easy Guide to Financial Technology(Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, ... technology,equity crowdfunding) (Volume 1) FINTECH: Simple and Easy Guide to Financial Technology(Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, Financial services technology,equity crowdfunding) The Mountain Guide Manual: The Comprehensive Reference--From Belaying to Rope Systems and Self-Rescue Traditional Lead Climbing: A Rock Climber's Guide to Taking the Sharp End of the Rope Rappelling: Rope Descending And Ascending Skills For Climbing, Caving, Canyoneering, And Rigging (How To Climb Series) On Rope Jump Rope Workouts: The Easy & Fun Way To Do Cardio, Burn Fat, And Build Muscle Cowboy Roping and Rope Tricks Phil Ackerly's Magic You Can Do: 50 tricks with cards, coins, rope, crayons, pencils, napkins, and more Anna Banana: 101 Jump Rope Rhymes Stronger Than Steel: Spider Silk DNA and the Quest for Better Bulletproof Vests, Sutures, and Parachute

Rope (Scientists in the Field Series) Moon Rope/Un lazo a la luna Knots on a Counting Rope
(Reading Rainbow Books)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)