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Handbook of Fibre Rope Technology (Woodhead Publishing Series in Textiles)

H A McKenna, J. W. S. Hearle, N O'Hear
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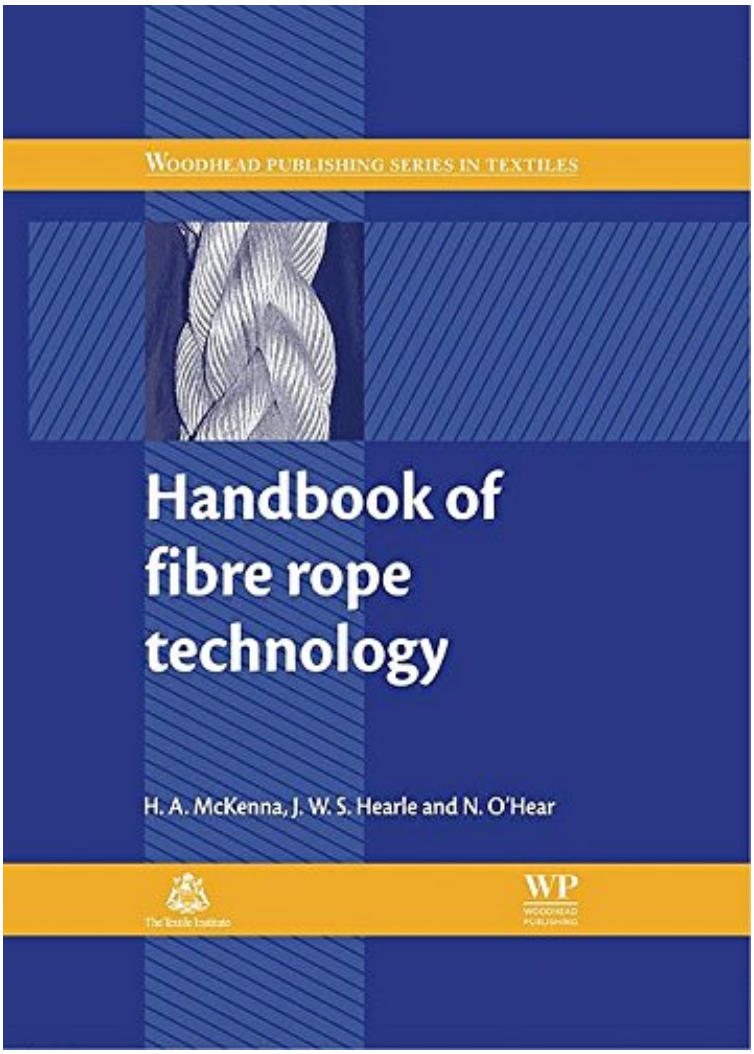

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H A McKenna, J. W. S. Hearle, N O'Hear : Handbook of Fibre Rope Technology (Woodhead Publishing Series in Textiles) before purchasing it in order to gage whether or not it would be worth my time, and all praised Handbook of Fibre Rope Technology (Woodhead Publishing Series in Textiles):

The field of fibre rope technology has witnessed incredible change and technological advance over the last few decades. At the forefront of this change has been the development of synthetic fibres and modern types of rope construction. This handbook updates the history and structural mechanics of fibre rope technology and describes the

types and properties of modern rope-making materials and constructions.Following an introduction to fibre ropes, the Handbook of fibre rope technology takes a comprehensive look at rope-making materials, rope structures, properties and mechanics and covers rope production, focusing on laid strand, braided, low-twist and parallel yarn ropes. Terminations are also introduced and the many uses of rope are illustrated. The key issues surrounding the inspection and retirement of rope are identified and rope testing is thoroughly examined. The final two chapters review rope markets, distribution and liability and provide case studies from the many environments in which fibre rope is used.The Handbook of fibre rope technology is an essential reference for everyone assisting in the design, selection, use, inspection and testing of fibre rope.A comprehensive look at rope-making materials and structures, properties and mechanicsCovers rope production including laid strand, braided, low-twist and parallel yarn ropes and rope terminationsRope testing is examined in depth, as well as the key issues surrounding rope retirement

"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. hellip; [R]ecommended for college and university libraries supporting Engineering, Physics, Industrial Design, Maritime and Defense programs." -E-Streams, Vol. 8, No. 8, 2005