



Routledge Handbook of Sports Technology and Engineering (Paperback)

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Taylor Francis Ltd, United Kingdom, 2015. Paperback. Condition: New. Language: English . Brand New Book. From carbon fibre racing bikes to sharkskin swimsuits, the application of cutting-edge design, technology and engineering has proved to be a vital ingredient in enhanced sports performance. This is the first book to offer a comprehensive survey of contemporary sports technology and engineering, providing a complete overview of academic, professional and industrial knowledge and technique. The book is divided into eight sections covering the following topics: * sustainable sports engineering * instrumentation technology * summer mobility sports * winter mobility sports * apparel and protection equipment * sports implements (racquets, clubs, bats, sticks) * sports balls * sports surfaces and facilities. Written by an international team of leading experts from industry, academia and commercial research institutes, the emphasis throughout the book is on innovation, the relationship between business and science, and the improvement of sports performance. This is an essential reference for anybody working in sports technology, sports product design, sports engineering, biomechanics, ergonomics, sports business or applied sport science.



Reviews

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