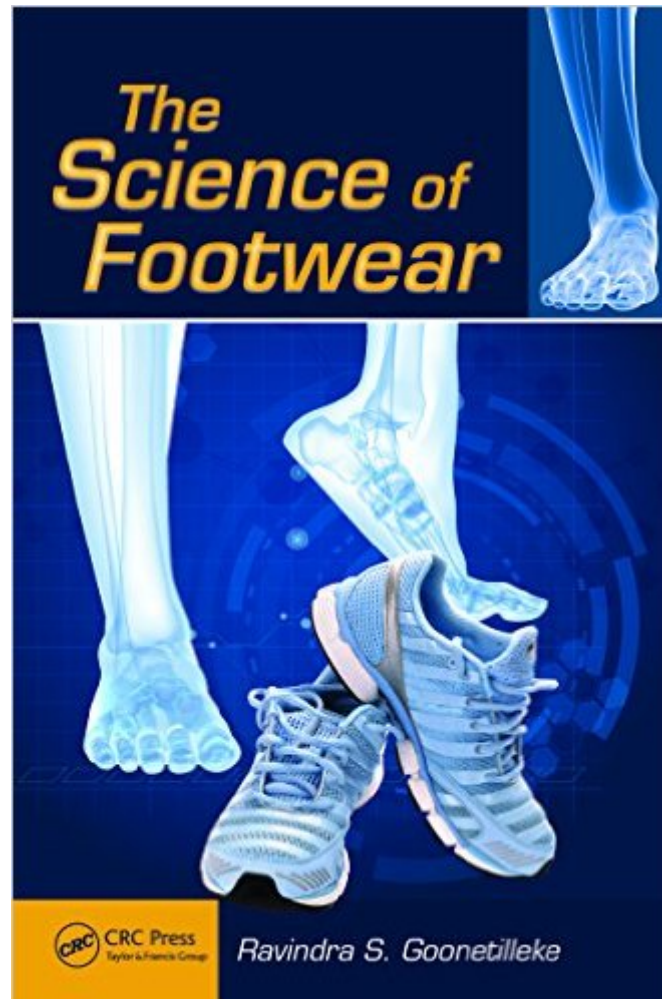


The book was found

# The Science Of Footwear (Human Factors And Ergonomics)



## Synopsis

Although we now have sophisticated algorithms and techniques for determining the shapes and sizes and for matching the fit between shoes and feet, few, if any, of the books currently available cover these new technologies until now. Bringing together high-quality and state-of-the-art contributions from designers, biomechanists, ergonomists, engineers, podiatrists, and scientists from industry and academia, *The Science of Footwear* provides an in-depth understanding of the technology and techniques involved in the design and development of a popular and demanding consumer product. This book introduces the design, development, manufacturing, and marketing of footwear. The chapters contain data from past research and the state-of-the-art methodologies. They not only cover every aspect of the product design, but also how the footwear industry caters to the wide-ranging needs of sophisticated and demanding customers. The footwear industry has rapidly changed over the last 10 years. Mass production has changed to personalization and mass customization, areas that are not well-understood. This book explores these different concepts in a coherent way, drawing on differing views that give a holistic view of the science behind footwear. Collating information from different disciplines, the book provides the tools to develop the next generation of footwear.

## Book Information

File Size: 104546 KB

Print Length: 726 pages

Publisher: CRC Press (November 6, 2012)

Publication Date: November 6, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B00AR3LHSY

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,125,681 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #165

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial,

Manufacturing & Operational Systems > Safety & Health #166 in Kindle Store > Kindle eBooks >

Nonfiction > Science > Technology > Safety & Health #204 inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Manufacturing

## Customer Reviews

Excellent work to understand how shoe and human foot are related and how to design with performance in mind

AWESOME BOOK!!!! NEEDED LITERATURE FOR FOOTWEAR, FOOT ARCHITECTURE, AND GAIT RESEARCH!

This book has met or exceeded expectations. It gives you enough information to lead you in the right direction, as you seek to become better informed about footwear.

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

The Science of Footwear (Human Factors and Ergonomics) Conceptual Foundations of Human Factors Measurement (Human Factors and Ergonomics) Human Computer Interaction Handbook: Fundamentals, Evolving Technologies, and Emerging Applications, Third Edition (Human Factors and Ergonomics) Handbook of Aviation Human Factors, Second Edition (Human Factors in Transportation (Hardcover)) Handbook of Occupational Safety and Health (Human Factors and Ergonomics) Introduction to Human Factors and Ergonomics for Engineers, Second Edition Human Factors and Ergonomics Design Handbook, Third Edition Principles of Forensic Human Factors/Ergonomics Ergonomics: Foundational Principles, Applications, and Technologies (Ergonomics Design & Management Theory & Applications) A Human Error Approach to Aviation Accident Analysis: The Human Factors Analysis and Classification System Human Factors Methods for Design: Making Systems Human-Centered The Mode in Footwear: A Historical Survey with 53 Plates (Dover Fashion and Costumes) Whole Body Barefoot: Transitioning Well to Minimal Footwear Made for Skate: The Illustrated History of Skateboard Footwear Fitting the Human: Introduction to Ergonomics, Sixth Edition Fitting The Task To The Human, Fifth Edition: A Textbook Of Occupational Ergonomics Driver Acceptance of New Technology: Theory, Measurement and Optimisation (Human Factors in Road and Rail Transport) Human Factors In Engineering and Design Measure of Man and Woman: Human Factors in Design Human Factors in Simple and Complex Systems, Second Edition

[Dmca](#)