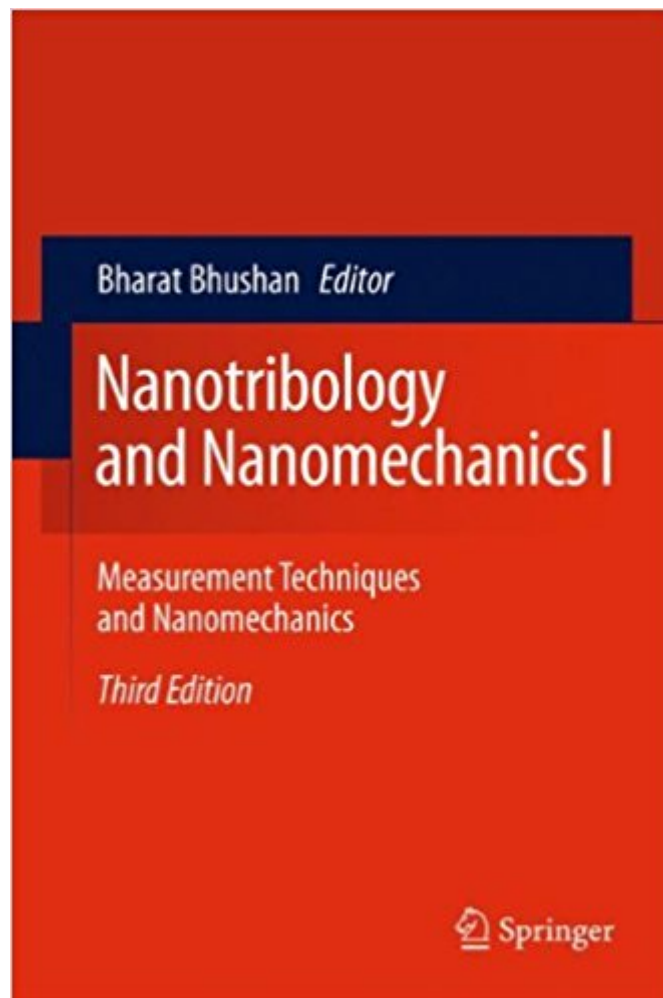




Ebook Directory
the best source of ebook

The book was found

Nanotribology And Nanomechanics I: Measurement Techniques And Nanomechanics



Synopsis

The comprehensive reference and textbook serves as a timely, practical introduction to the principles of nanotribology and nanomechanics. Assuming some familiarity with macroscopic tribology, the book comprises chapters by internationally recognized experts, who integrate knowledge of the field from the mechanics and materials-science perspectives. They cover key measurement techniques, their applications, and theoretical modelling of interfaces, each beginning their contributions with macro- and progressing to microconcepts.

Book Information

Hardcover: 623 pages

Publisher: Springer; 3rd edition (June 9, 2011)

Language: English

ISBN-10: 3642152821

ISBN-13: 978-3642152825

Product Dimensions: 6.1 x 1.4 x 9.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,665,121 in Books (See Top 100 in Books) #92 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #987 in Books > Science & Math > Physics > Nanostructures #1260 in Books > Science & Math > Technology > Nanotechnology

Customer Reviews

The comprehensive reference and textbook serves as a timely, practical introduction to the principles of nanotribology and nanomechanics. Assuming some familiarity with macroscopic tribology, the book comprises chapters by internationally recognized experts, who integrate knowledge of the field from the mechanics and materials-science perspectives. They cover key measurement techniques, their applications, and theoretical modelling of interfaces, each beginning their contributions with macro- and progressing to microconcepts.

In the past we published a subset of the "Springer Handbook of Nanotechnology" in two editions as graduate textbook "Nanomechanics and Nanotribology". However, the size of the book grew to 1536 pages in the second edition. In addition, the sales of were quite low: The second edition sold 322 copies in two years at 119aC--. Therefore we decided to split the book into two parts and have both POD suitable. The natural breaking point is the deviation in fundamental nanomechanical

measurement methods (AFM, STM) in the first volume and the consequences of Nanomechanics for Tribology and Lubrication.

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

Nanotribology and Nanomechanics I: Measurement Techniques and Nanomechanics Nanotribology and Nanomechanics II: Nanotribology, Biomimetics, and Industrial Applications Tests & Measurement for People Who (Think They) Hate Tests & Measurement Applied Measurement Engineering: How to Design Effective Mechanical Measurement Systems ISO/IEC Guide 98-3:2008, Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995) Credit Risk Analytics: Measurement Techniques, Applications, and Examples in SAS (Wiley and SAS Business Series) Electronic Display Measurement: Concepts, Techniques, and Instrumentation Fiber Optic Measurement Techniques Painting: Techniques for Beginners to Watercolor Painting, Painting Techniques and How to Paint (Painting, Oil Painting, Acrylic Painting, Water Color Painting, Painting Techniques Book 3) His Forge Burns Hot for Mosaic Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns. Social Support Measurement and Intervention: A Guide for Health and Social Scientists Psychological Testing and Assessment: An Introduction to Tests and Measurement Measurement and Data Analysis for Engineering and Science, Third Edition (Volume 2) Measurement and Data Analysis for Engineering and Science, Second Edition ISO 13503-2/Amd1:2009, Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties Measurement and Instrumentation, Second Edition: Theory and Application Measurement and Instrumentation: Theory and Application Apoptosis Methods in Pharmacology and Toxicology: Approaches to Measurement and Quantification An Introduction to Mixed-Signal IC Test and Measurement (The Oxford Series in Electrical and Computer Engineering) Health Measurement Scales: A practical guide to their development and use

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)