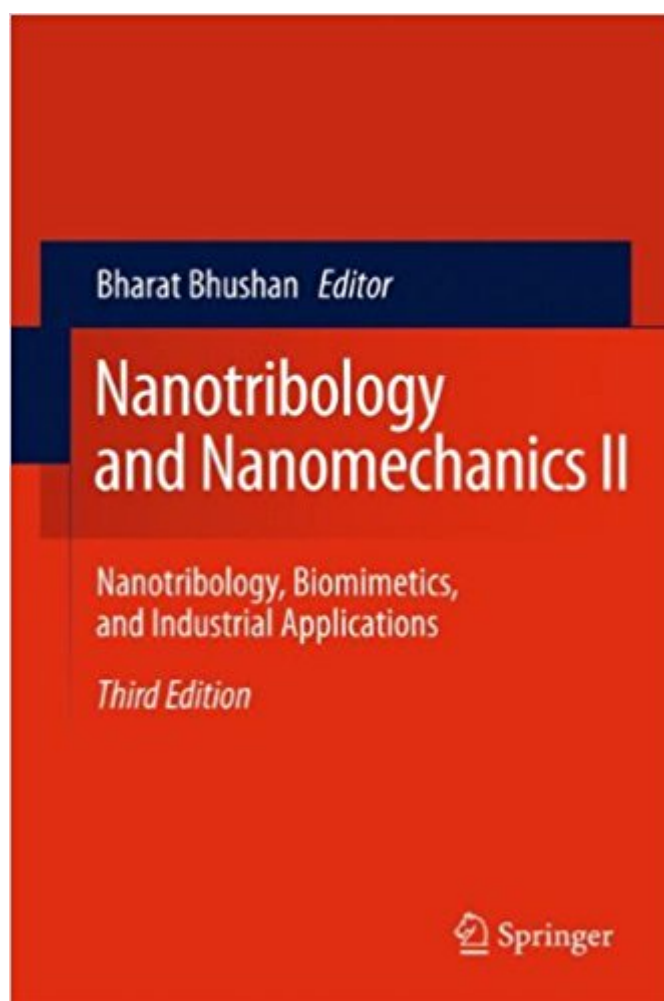


The book was found

# Nanotribology And Nanomechanics II: Nanotribology, Biomimetics, And Industrial Applications



## 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: 1017 pages

Publisher: Springer; 3rd edition (June 14, 2011)

Language: English

ISBN-10: 3642152627

ISBN-13: 978-3642152627

Product Dimensions: 6.1 x 2.1 x 9.2 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,323,548 in Books (See Top 100 in Books) #61 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #658 in Books > Science & Math > Physics > Nanostructures #804 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. 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.

Background: : 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 1536pages 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 II: Nanotribology, Biomimetics, and Industrial Applications  
Nanotribology and Nanomechanics I: Measurement Techniques and Nanomechanics Laser  
Technology in Biomimetics: Basics and Applications (Biological and Medical Physics, Biomedical  
Engineering) Evaluation of Industrial Disability: Prepared by the Committee of the California Medical  
Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury  
Cases. Industrial Fluid Power, Vol. 1: Basic Text on Hydraulics, Air & Vacuum for Industrial and  
Mobile Applications Patty's Industrial Hygiene and Toxicology, Volume 3, Part B, Third Edition,  
Theory and Rationle of Industrial Hygiene The Industrial Design Reference & Specification Book:  
Everything Industrial Designers Need to Know Every Day Fundamentals of Industrial Hygiene 6th  
Edition (Fundamentals of Industrial Hygiene) Microencapsulation: Methods and Industrial  
Applications (Drugs and the Pharmaceutical Sciences) Industrial Organization: Theory and  
Applications Handbook of Industrial Refractories Technology: Principles, Types, Properties and  
Applications Industrial Plastics: Theory and Applications Radiation Processing of Polymer Materials  
and Its Industrial Applications Phase-Transfer Catalysis: Fundamentals, Applications, and Industrial  
Perspectives Robotics: Theory and Industrial Applications Principles of Toxicology: Environmental  
and Industrial Applications HPLC: Practical and Industrial Applications, Second Edition (Analytical  
Chemistry) Carbonic Anhydrase: Mechanism, Regulation, Links to Disease, and Industrial  
Applications (Subcellular Biochemistry) Industrial Organization: Contemporary Theory and Empirical  
Applications Industrial Plasma Engineering: Applications to Nonthermal Plasma Processing, Vol. 2

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)