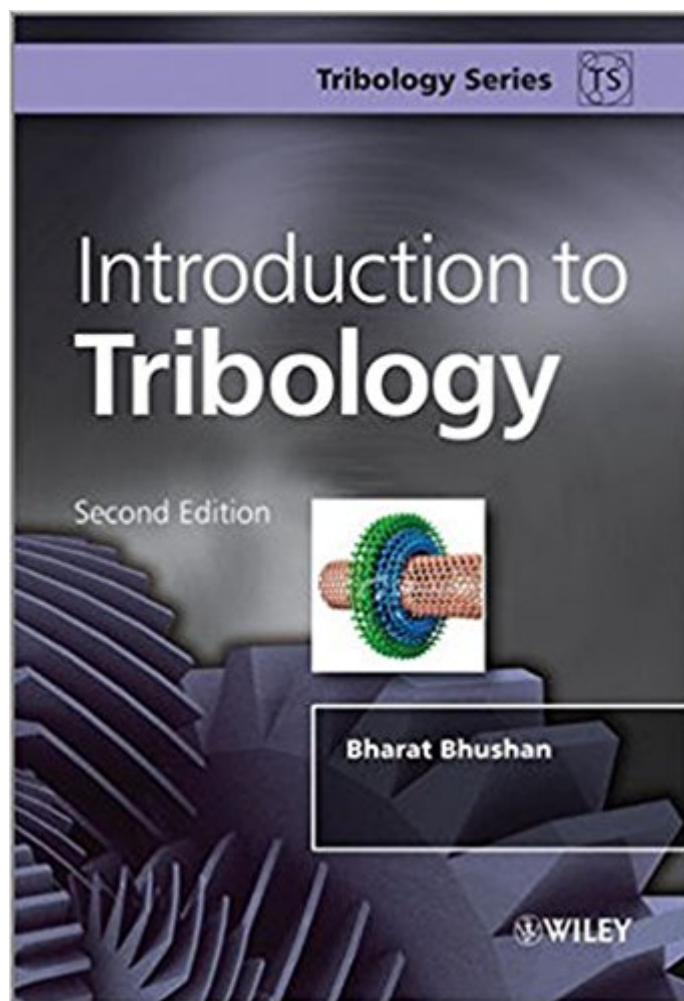


The book was found

# Introduction To Tribology



## Synopsis

A fully updated version of the popular Introduction to Tribology, the second edition of this leading tribology text introduces the major developments in the understanding and interpretation of friction, wear and lubrication. Considerations of friction and wear have been fully revised to include recent analysis and data work, and friction mechanisms have been reappraised in light of current developments. In this edition, the breakthroughs in tribology at the nano- and micro- level as well as recent developments in nanotechnology and magnetic storage technologies are introduced. A new chapter on the emerging field of green tribology and biomimetics is included. Introduces the topic of tribology from a mechanical engineering, mechanics and materials science points of view Newly updated chapter covers both the underlying theory and the current applications of tribology to industry Updated write-up on nanotribology and nanotechnology and introduction of a new chapter on green tribology and biomimetics

## Book Information

Hardcover: 738 pages

Publisher: Wiley; 2 edition (April 1, 2013)

Language: English

ISBN-10: 1119944538

ISBN-13: 978-1119944539

Product Dimensions: 6.1 x 1.6 x 9.6 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #531,342 in Books (See Top 100 in Books) #2 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #297 in Books > Engineering & Transportation > Engineering > Mechanical > Machinery #369 in Books > Science & Math > Physics > Mechanics

## Customer Reviews

A fully updated version of the popular Introduction to Tribology, the second edition of this leading tribology text introduces the major developments in the understanding and interpretation of friction, wear and lubrication. Considerations of friction and wear have been fully revised to include recent analysis and data work, and friction mechanisms have been reappraised in light of current developments. In this edition, the breakthroughs in tribology at the nano- and micro- level as well as recent developments in nanotechnology and magnetic storage technologies are introduced. A

new chapter on the emerging field of green tribology and biomimetics is included. Introduces the topic of tribology from a mechanical engineering, mechanics and materials science points of view Newly updated chapter covers both the underlying theory and the current applications of tribology to industry Updated write-up on nanotribology and nanotechnology and introduction of a new chapter on green tribology and biomimetics Enables readers to reinforce their knowledge of the topic with a newly added problems section which features on the book's companion website

Dr Bhushan is Ohio Eminent Scholar and The Howard D. Winbigger Professor as well as Director of the Nanoprobe Laboratory for Bio- & Nanotechnology and Biomimetics at The Ohio State University. During his career he has received a number of awards and accolades as well as being central to teaching and formulating the curriculum in Tribology-related topics. He is a Fellow and Life Member of American Society of Mechanical Engineers, Society of Tribologists and Lubrication Engineers, Institute of Electrical and Electronics Engineers, as well as various other professional societies.

I needed it for a class. It is very helpful.

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

Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Tribology of Elastomers, Volume 47 (Tribology and Interface Engineering) Engineering Tribology (Tribology Series) Tribology in Electrical Environments, Volume 49 (Tribology and Interface Engineering) Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series) Introduction to Tribology Engineering Tribology, Fourth Edition Applied Tribology: Bearing Design and Lubrication Tribology, Second Edition: Friction and Wear of Engineering Materials Tribology: Friction and Wear of Engineering Materials CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Engineering Tribology, Third Edition Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition New Directions in Lubrication, Materials, Wear, and Surface Interactions: Tribology in the 80's ENGINEERING TRIBOLOGY Tribology in Metalworking: Friction, Lubrication and Wear Fundamentals of Engineering Tribology with Applications Handbook of Micro/Nano Tribology, Second Edition (Mechanics & Materials Science) The Tribology Handbook, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)