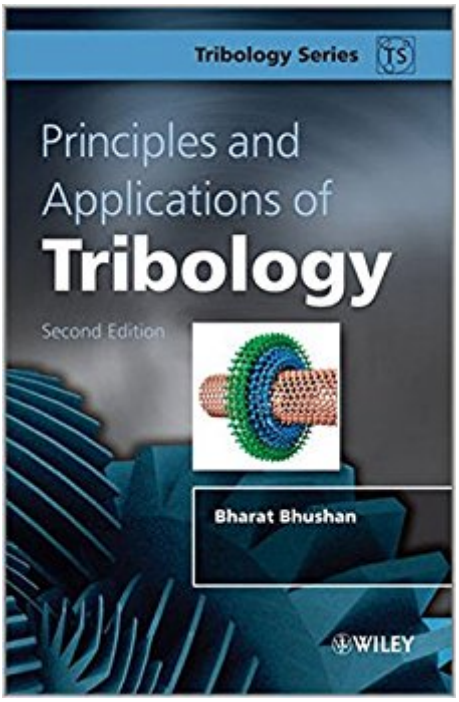
Ebook Directory
the best source of ebook

The book was found

Principles And Applications Of Tribology



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

This fully updated Second Edition provides the reader with the solid understanding of tribology which is essential to engineers involved in the design of, and ensuring the reliability of, machine parts and systems. It moves from basic theory to practice, examining tribology from the integrated viewpoint of mechanical engineering, mechanics, and materials science. It offers detailed coverage of the mechanisms of material wear, friction, and all of the major lubrication techniques - liquids, solids, and gases - and examines a wide range of both traditional and state-of-the-art applications. For this edition, the author has included updates on friction, wear and lubrication, as well as completely revised material including the latest breakthroughs in tribology at the nano- and micro-level and a revised introduction to nanotechnology. Also included is a new chapter on the emerging field of green tribology and biomimetics.

Book Information

Hardcover: 1006 pages
Publisher: Wiley; 2 edition (April 1, 2013)
Language: English
ISBN-10: 1119944546
ISBN-13: 978-1119944546
Product Dimensions: 7 x 1.9 x 9.9 inches
Shipping Weight: 3.4 pounds (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #4,374,726 in Books (See Top 100 in Books) #62 inÃ Â Books > Engineering & Transportation > Engineering > Mechanical > Tribology #1726 inÃ Â Books > Engineering & Transportation > Engineering > Mechanical > Machinery #2381 inÃ Â Books > Science & Math > Physics > Mechanics

Customer Reviews

Ã¢â ¬Å“Summing Up: Recommended. Upper-division undergraduates and graduate students in engineering, researchers/faculty, and professionals/practitioners.Ã¢â ¬Â•Ã Â (Choice, 1 October 2013)

This fully updated Second Edition provides the reader with the solid understanding of tribology which is essential to engineers involved in the design of, and ensuring the reliability of, machine parts and systems. It moves from basic theory to practice, examining tribology from the integrated

viewpoint of mechanical engineering, mechanics, and materials science. It offers detailed coverage of the mechanisms of material wear, friction, and all of the major lubrication techniques - liquids, solids, and gases - and examines a wide range of both traditional and state-of-the-art applications. For this edition, the author has included updates on friction, wear and lubrication, as well as completely revised material including the latest breakthroughs in tribology at the nano- and micro-level and a revised introduction to nanotechnology. Also included is a new chapter on the emerging field of green tribology and biomimetics.

Download to continue reading...

Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series) Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) Tribology of Elastomers, Volume 47 (Tribology and Interface Engineering) Tribology in Electrical Environments, Volume 49 (Tribology and Interface Engineering) Engineering Tribology (Tribology Series) Principles and Applications of Tribology Tribology and Dynamics of Engine and Powertrain: Fundamentals, Applications and Future Trends (Woodhead Publishing in Mechanical Engineering) CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Tribology of Diamond-like Carbon Films: Fundamentals and Applications Fundamentals of Engineering Tribology with Applications Principles of Tribology Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition CRC Handbook of Lubrication: Theory and Practice of Tribology, Volume II: Theory and Design Modeling and Analytical Methods in Tribology (Modern Mechanics and Mathematics) Hydrodynamic Lubrication, Volume 33: Bearings and Thrust Bearings (Tribology and Interface Engineering) Fundamentals of Tribology and Bridging the Gap Between the Macro- and Micro/Nanoscales (Nato Science Series II:) Applied Tribology: Bearing Design and Lubrication Tribology, Second Edition: Friction and Wear of Engineering Materials Tribology: Friction and Wear of Engineering Materials

Contact Us

DMCA

Privacy

FAQ & Help