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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.

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PRINCIPLES AND APPLICATIONS OF TRIBOLOGY

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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.

Principles and Applications of Tribology: Bhushan, Bharat ...

14.5 Industrial Applications 930. 14.5.1 Automotive Engines 930. 14.5.2 Gas Turbine Engines 932. 14.5.3 Railroads 934. 14.5.4 Magnetic Storage Devices 935. 14.6 Closure 942. References 943. Further Reading 947. 15 Green Tribology and Biomimetics 949. 15.1 Introduction 949. 15.2 Green Tribology 949. 15.2.1 Twelve Principles of Green Tribology 950

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Updated to include the timely and important topics of MEMS and rolling friction, Principles of Tribology is a compilation of current developments from tribology research, coupled with tribology fundamentals and applications.

Principles of Tribology | Wiley Online Books

The first part of the book starts with the principles of tribology and prepares the students to understand the tribology of industrial applications. The principles of tribology follow with materials, coatings, and surface treatments for tribology. The last chapter describes the tribological components and applications.

PRINCIPLES AND APPLICATIONS OF TRIBOLOGY

Professors Wen and Huang present current developments in tribology research along with tribology fundamentals and applications, including lubrication theory, lubrication design, friction mechanism, wear mechanism, friction control, and their applications. In addition to classical tribology,

Wen and Huang cover the research areas of the modern tribology, as well as the regularities and characteristics of tribological phenomena in practice.

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Principles and Applications of Tribology - Bharat Bhushan ...

Bearing Tribology Principles and Applications to write the main line to the friction. wear and lubrication of the bearing system bearing tribology theory and tried to reflect the whole picture of the bearing tribology. as much as possible to introduce new areas of research and development trend.

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