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PRINCIPLES AND APPLICATIONS OF TRIBOLOGY

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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.

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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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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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