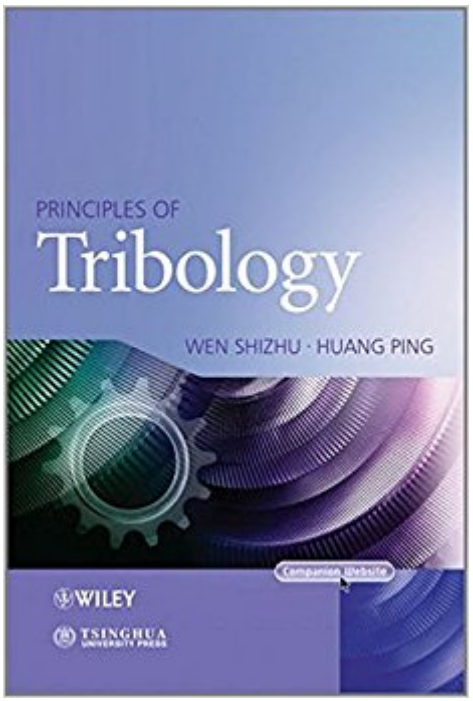
Principles Of Tribology



Synopsis

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. Furthermore, the authors present the basic theory, numerical analysis methods, and experimental measuring techniques of tribology as well as their applications in engineering. Provides a systematic presentation of tribology fundamentals and their applications Discusses the current states and development trends in tribology research Applies the applications to modern day engineering Computer programs available for download from the bookâ ™s companion site Principles of Tribology is aimed at postgraduates and senior-level undergraduates studying tribology, and can be used for courses covering theory and applications. Tribology professionals and students specializing in allied areas of mechanical engineering and materials science will also find the book to be a helpful reference or introduction to the topic. Companion website for the book: www.wiley.com/go/wen/tribology

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