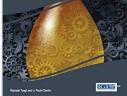
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An understanding of friction and wear behavior of materials is crucial in order to improve their performance and durability. New research is providing the opportunity to solve common problems relating to the development of materials, surface modification, coatings, and processing methods across industries.

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provides relevant theoretical frameworks and the latest empirical research findings on the strategic role of composite tribology in a variety of settings. This book is intended for students, researchers, academicians, and professionals working in industries where wear reduction and performance enhancement of machines and machine elements is essential to success.

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Editorial Review

About the Author

Rajnesh Tyagi is currently an Associate Professor in the Department of Mechanical Engineering at the Indian Institute of Technology (Banaras Hindu University) IIT (BHU) India. He obtained his Bachelors Degree in Mechanical Engineering in 1992, and his Ph.D. in 2001 from Indian Institute of Technology Roorkee. Dr. Tyagi also worked as a Postdoctoral Researcher at Department of Materials Science and Engineering, Nanjing University of Science and Technology, Nanjing PR China from Dec 2008 to Sept 2010. His research interests include Materials Development and Tribology, Composite materials and High Temperature wear and Solid Lubrication, Surface Engineering etc. Recently, he is diversifying in Wear Protective coatings and texturing, Nano-tribology etc. He is a life member of Tribology Society of India and reviewer to various international journals like Wear, *Tribology International* and *Tribology Letters*, to name a few.

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