

## Friction And Wear Of Materials Rabinowicz Free

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Description Tribology: Friction and Wear of Engineering Materials, Second Edition covers the fundamentals of tribology and the tribological response of all classes of materials, including metals, ceramics, and polymers.

### Tribology - 2nd Edition

It explains the basic theory of friction and wear, and offers valuable insight on the forces, mechanisms, and interactions that are involved. It examines common wear scenarios, including wear by particles or fluids, rolling-contact wear, sliding wear, impact wear, and both chemical and environmentally assisted wear.

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### Friction And Wear Of Materials

He is the sole author of the first edition of 'Tribology: Friction and Wear of Engineering Materials' published in 1992, as well as numerous journal and conference papers. In 1994, he was awarded the Tribology Trust Silver Medal, in 2000 the Donald Julius Groen Prize by the Institution of Mechanical Engineers and in 2007 the Staudinger-Durrer Prize by ETH Zürich.

### Tribology, Friction and Wear of Engineering Materials ...

To aid engineers in design decisions, Friction and Wear of Materials evaluates the properties of materials which, under specified conditions, cause one material to function better as a bearing material than another. Featured also are thorough treatments of lubricants and the sizes and shapes of wear particles.

**0471830844 - Friction and Wear of Materials by Rabinowicz ...**

Previous work on this topic underlined the multidisciplinary nature of friction and wear, which requires knowledge drawn from contact mechanics, materials science, chemistry and physics in general. Friction is one of the main sources of energy dissipation between the contact surfaces and the dissipation of energy is the main cause of wear.

**Materials | Special Issue : Friction and Wear of ...**

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