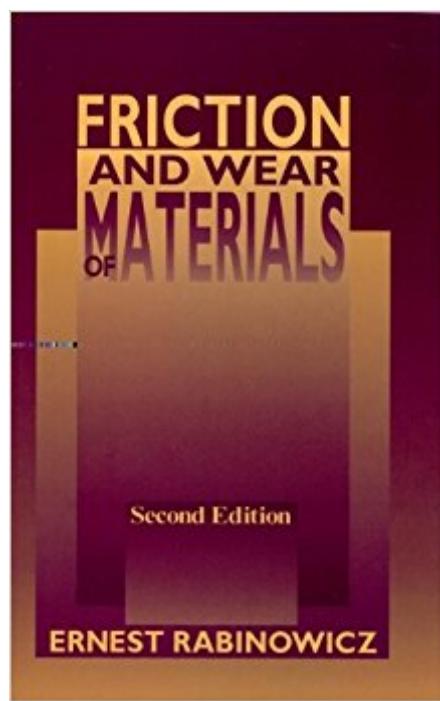


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Friction And Wear Of Materials



Synopsis

Friction and Wear of Materials Second Edition Written by one of the world's foremost authorities on friction, this classic book offers a lucid presentation of the theory of mechanical surface interactions as it applies to friction, wear, adhesion, and boundary lubrication. 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. This updated Second Edition includes new material on erosive wear, impact wear, and friction. Professor Rabinowicz's book will be especially welcomed by mechanical and design engineers, surface scientists, tribologists and others who design, produce and operate products, machines and equipment which involve friction and its effects.

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Customer Reviews

As a student in materials science, this is one of best books I have ever read in materials science. The text is kept to a minimum and is easy to read. The figures are large and easy to understand, and the equations are all well explained. Just about every topic in friction and wear is given at least

a cursory glance along with listings of more focused literature. This book should be read by all who deal with friction and wear as part of their work or education.

I first met this book when doing postgraduate studies in wear. It is a classic. Well written, never using complex derivations where limit analysis will do the job and always relevant to the everyday situations of friction, wear and lubrication, this book is a must-read for anyone working in this area. With this book, Rabinowicz not only explained his subject well. He has also made the subject of wear really interesting. And that's what a good text is all about.

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