

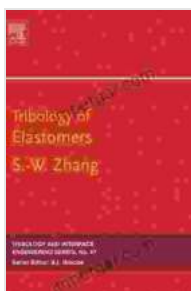
Tribology of Elastomers: The Ultimate Guide to Friction, Wear, and Adhesion

to Tribology

Tribology is the science of friction, wear, and adhesion. It explores the behavior of surfaces in contact and the factors that influence their interactions. Tribology plays a crucial role in various industries, including automotive, manufacturing, and aerospace, as it impacts the performance and longevity of components.

Elastomers: A Versatile Material

Elastomers are a unique class of materials with exceptional elastic properties. They are commonly used in applications that require flexibility, such as tires, seals, and coatings. Understanding the tribological behavior of elastomers is essential for optimizing their performance and extending their lifespan.



Tribology of Elastomers (ISSN Book 47) by Ton Viet Ta

★★★★★ 5 out of 5

Language : English

File size : 12098 KB

Text-to-Speech : Enabled

Enhanced typesetting: Enabled

Print length : 282 pages

Screen Reader : Supported

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ISSN 47 is a respected international journal dedicated to the study of tribology. It publishes original research articles, reviews, and case studies that cover the latest advancements in the field. The journal's focus on elastomers provides valuable insights for researchers, engineers, and industry professionals.

Exploring the Tribology of Elastomers

ISSN 47 delves into the intricacies of tribology as it pertains to elastomers. The journal's articles cover a wide range of topics, including:

- Friction and wear mechanisms
- Adhesion and bonding
- Surface chemistry and modifications
- Lubrication and its impact
- Modeling and simulation techniques

Practical Applications and Case Studies

ISSN 47 goes beyond theoretical research and showcases practical applications of tribology in various industries. It includes case studies that examine the tribological performance of elastomers in:

- Automotive tires
- Industrial seals
- Medical implants
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- Engineers and materials scientists
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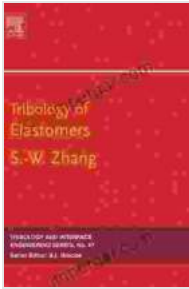
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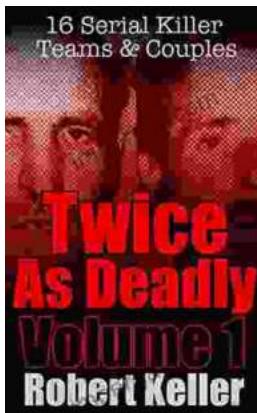
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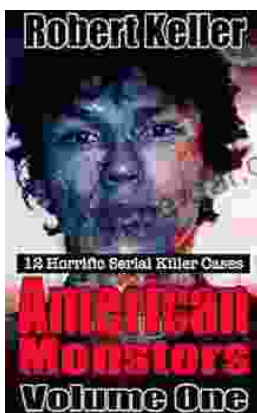


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