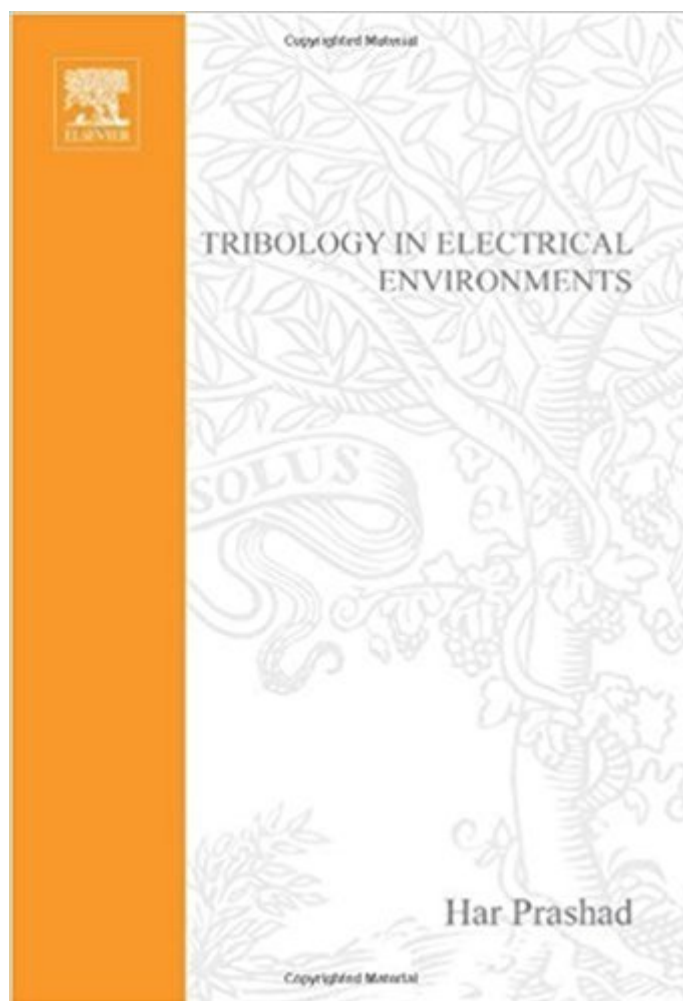


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This book summarises work done and experience gained over the past three decades in the area of tribology in electrical environments. It takes a close look at behaviour and response characteristics of rolling-element, and hydrodynamic journal & thrust bearings working under the influence of electrical current. Detailed analysis plugs the existing knowledge gaps in the area of tribology in electrical environments. This is because the genesis of intermolecular forces during tribological interaction involves electrostatic attraction or repulsion that creates electro-dynamic, magnetic and exchange forces between atoms. Therefore all tribological phenomena occurring in any interacting system is electrical in nature. Keep your collection up-to date with the latest volume from Elsevier's Tribology and Interface Engineering Book Series Includes a 'real life' case studies

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Series: Tribology and Interface Engineering (Book 49)

Hardcover: 450 pages

Publisher: Elsevier Science; 1 edition (January 2, 2006)

Language: English

ISBN-10: 0750662735

ISBN-13: 978-0444518804

ASIN: 0444518800

Product Dimensions: 6.1 x 1.1 x 9.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

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Dr Har Prashad works in the Research and Development Division of Bharat Heavy Electricals Limited (BHEL), one of the world's leading manufacturers of power plant. He has published widely on tribology issues in engineering.

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