

1. Record Nr.	UNISALENT0991003241419707536
Autore	Stachowiak, Gwidon W.
Titolo	Engineering tribology [e-book] / Gwidon W. Stachowiak, Andrew W. Batchelor
Pubbl/distr/stampa	Amsterdam ; Boston : Elsevier Butterworth-Heinemann, 2005
ISBN	9780750678360 0750678364
Edizione	[3rd ed.]
Descrizione fisica	xxiv, 801 p. : ill. ; 27 cm
Altri autori (Persone)	Batchelor, Andrew W. author
Disciplina	621.89
Soggetti	Tribology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	1 INTRODUCTION -- 2 PHYSICAL PROPERTIES OF LUBRICANTS -- 3 LUBRICANTS AND THEIR COMPOSITION -- 4 HYDRODYNAMIC LUBRICATION -- 5 COMPUTATIONAL HYDRODYNAMICS -- 6 HYDROSTATIC LUBRICATION -- 7 ELASTOHYDRODYNAMIC LUBRICATION -- 8 BOUNDARY AND EXTREME PRESSURE LUBRICATION -- 9 SOLID LUBRICATION AND SURFACE TREATMENTS -- 10 FUNDAMENTALS OF CONTACT BETWEEN SOLIDS -- 11 ABRASIVE, EROSION AND CAVITATION WEAR -- 12 ADHESION AND ADHESIVE WEAR -- 13 CORROSION AND OXIDATIVE WEAR -- 14 FATIGUE WEAR -- 15 FRETTING AND MINOR WEAR MECHANISMS -- 16 WEAR OF NON-METALLIC MATERIALS -- 17 FUTURE DIRECTIONS IN TRIBOLOGY -- APPENDIX -- INDEX
Sommario/riassunto	As with the previous edition, the third edition of Engineering Tribology provides a thorough understanding of friction and wear using technologies such as lubrication and special materials. Tribology is a complex topic with its own terminology and specialized concepts, yet is vitally important throughout all engineering disciplines, including mechanical design, aerodynamics, fluid dynamics and biomedical engineering. This edition includes updated material on the hydrodynamic aspects of tribology as well as new advances in the field of biotribology, with a focus throughout on the engineering applications of tribology. New to this edition are end-of-chapter

problems and an accompanying solutions manual, increasing the books value as a textbook. The book offers an extensive range of illustrations which communicate the basic concepts of tribology in engineering better than text alone. All chapters include an extensive list of references and citations to facilitate further in-depth research and thorough navigation through particular subjects covered in each chapter. \* Includes newly devised end-of-chapter problems, as well as an accompanying solutions manual. \* Provides a comprehensive overview of the mechanisms of wear, lubrication and friction in an accessible manner designed to aid non-specialists. \* Gives a reader-friendly approach to the subject using a graphic illustrative method to break down the typically complex problems associated with tribology

2. Record Nr.

Autore

UNINA9910795959603321

Titolo

Rossabi Morris

Pubbl/distr/stampa

A history of China [[electronic resource] /] / Morris Rossabi

ISBN

1118473442

9781118473443

Descrizione fisica

xxvi, 426 p. : ill., maps

Collana

The Blackwell history of the world

Classificazione

222.01

951

Disciplina

951

Soggetti

China History

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Includes index

Nota di bibliografia

Includes bibliographical references and index.

3. Record Nr.	UNINA9910142877203321
<b>Titolo</b>	Journal of statistical mechanics : theory and experiment
<b>Pubbl/distr/stampa</b>	Bristol, England, : Institute of Physics Pub. [Trieste, Italy], : SISSA
<b>Soggetti</b>	Statistical mechanics Mechanics - Statistical methods Mekanik Periodicals.
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Periodico
<b>Note generali</b>	Refereed/Peer-reviewed