

1. Record Nr.	UNINA9910410033203321
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Titolo	Tribocorrosion // by Anna Igual Munoz, Nuria Espallargas, Stefano Mischler
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-48107-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (110 pages)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X
Disciplina	620.11223
Soggetti	Tribology Corrosion and anti-corrosives Coatings Materials—Surfaces Thin films Electrochemistry Tribology, Corrosion and Coatings Surfaces and Interfaces, Thin Films
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Tribocorrosion: definitions and relevance -- Corrosion basis -- Tribology basis -- Tribocorrosion phenomena and concepts -- How to approach a tribocorrosion system -- Experimental techniques for tribocorrosion -- Characterisation of worn surfaces -- Case studies.
Sommario/riassunto	This book is a toolbox for identifying and addressing tribocorrosion situations from an engineering point of view. It is an accessible and introductory guideline to the emerging and interdisciplinary field of tribocorrosion covering the main concepts of tribology and corrosion. It describes specific tribocorrosion concepts, models and experimental techniques as well as their application to practical situations in which mechanical and chemical phenomena act simultaneously. .