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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Glossary of tribology terms -- 3. Adhesive wear -- 4. Abrasion -- 5. Rolling contact fatigue -- 6. Impact wear -- 7. Lubricated war -- 8. Tribocorrosion -- 9. Solid particle erosion -- 10. Liquid droplet erosion -- 11. Sliding friction -- 12. Rolling friction -- 13. Materials for friction, wear, and erosion -- 14. Surface engineering processes and materials -- 15. Wear and erosion solutions.
Sommario/riassunto	The problem/need addressed in this book is the recognition of the various ways that wear erosion and friction is manifest themselves in machines, devices, and engineering and science in general. It is about what tribology looks like in the field. As is the case in the health care industry, treating an illness starts with a diagnosis of the malady. This is a critical first step in addressing any health problem. It is also like this in tribology. Solids do not just wear or erode; they do so by many different ways; different mechanisms prevail and different treatments are necessary. The common factor in wear and erosion is progressive loss of material from solid surfaces, but how that occurs is the key to minimizing losses and solving problems that arise for these progressive material loses--