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Autore	Bourne Neil <1964->
Titolo	Materials in mechanical extremes : fundamentals and applications // Neil Bourne [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-23607-X 1-5231-1337-5 1-107-34902-8 1-107-35756-X 1-107-34794-7 1-139-15226-2 1-107-34544-8 1-107-34169-8
Descrizione fisica	1 online resource (xi, 528 pages) : digital, PDF file(s)
Disciplina	620.1/1292
Soggetti	Materials - Mechanical properties Mechanics, Applied
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Natural Extremes -- 2. A basic analytical framework -- 3. Platforms to excite a response -- 4. Tools to monitor response -- 5. Metals -- 6. Brittle materials -- 7. Polymers -- 8. Energetic materials -- 9. Asteroid impact.
Sommario/riassunto	This unified guide brings together the underlying principles, and predictable material responses, that connect metals, polymers, brittle solids and energetic materials as they respond to extreme external stresses. Previously disparate scientific principles, concepts and terminology are combined within a single theoretical framework, across different materials and scales, to provide all the tools necessary to understand, and calculate, the responses of materials and structures to extreme static and dynamic loading. Real-world examples illustrate how material behaviours produce a component response, enabling recognition - and avoidance - of the deformation mechanisms that

contribute to mechanical failure. A final synoptic chapter presents a case study of extreme conditions brought about by the infamous Chicxulub impact event. Bringing together simple concepts from diverse fields into a single, accessible, rigorous text, this is an indispensable reference for all researchers and practitioners in materials science, mechanical engineering, physics, physical chemistry and geophysics.

2. Record Nr.	UNISALENT0991004345133807536
Autore	Taranto, Arturo
Titolo	Le armi della fanteria : (con 54 illustrazioni) / testo del col. Arturo Taranto ; disegni del ten. Antonio Colonna
Pubbl/distr/stampa	Roma : Istituto Poligrafico dello Stato, 1930
Descrizione fisica	44 p. : ill. ; 24 cm
Collana	Manualetti di tecnica militare ; 5
Altri autori (Persone)	Colonna, Antonio
Disciplina	356.1182
Soggetti	Fanteria - Armi
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia