

1. Record Nr.	UNINA9910831194803321
Titolo	Materials under extreme loadings [[electronic resource]] : application to penetration and impact // edited by Eric Buzaud, Ioan R. Ionescu, George Z. Voyiadjis
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2010
ISBN	1-118-62261-8 1-299-31562-3 1-118-62246-4
Descrizione fisica	1 online resource (479 p.)
Collana	ISTE
Altri autori (Persone)	BuzaudEric IonescuIoan R VoyiadjisG. Z
Disciplina	620.1/126 620.1123 620.1126
Soggetti	Penetration mechanics Impact Materials - Dynamic testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Experimental characterization -- pt. 2. Material modeling -- pt. 3. Numerical simulation techniques.
Sommario/riassunto	This book presents recent and cutting edge advances in our understanding of key aspects of the response of materials under extreme loads that take place during high velocity impact and penetration. The focus of the content is on the numerous challenges associated with characterization and modeling of complex interactions that occur during these highly dynamic events.