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Titolo	Materials under extreme loadings [[electronic resource]] : application to penetration and impact // edited by Eric Buzaud, Ioan R. Ionescu, George Z. Voyiadjis
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Collana	ISTE
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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.