

1. Record Nr.	UNISA996209751603316
Titolo	Advances in ceramic armor [[electronic resource]] : a collection of papers presented at the 29th International Conference on Advanced Ceramics and Composites, January 23-28, 2005, Cocoa Beach, Florida / / editor, Jeffrey J. Swab ; general editors, Dongming Zhu, Waltraud M. Kriven
Pubbl/distr/stampa	Westerville, Ohio, : American Ceramic Society, c2005
ISBN	1-282-31304-5 9786612313042 0-470-29127-3 0-470-29166-4
Descrizione fisica	1 online resource (312 p.)
Collana	Ceramic engineering and science proceedings, , 0196-6219 ; ; v. 26/7
Altri autori (Persone)	SwabJeffrey J ZhuDongming KrivenWaltraud M
Disciplina	620.14 623.7/4
Soggetti	Armor Ceramic materials Composite materials
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	Advances in Ceramic Armor; Contents; Preface; Impact and Penetration Modeling; Some Observations on the Strength of Failed Ceramic; Modeling Dynamically Impacted Ceramic Material Experiments; Modeling Spherical Indentation Experiments onto Silicon Carbide; Analysis of Time-Resolved Penetration of Long Rods into Glass Targets; A Constitutive Model for Damaged and Powder Silicon Carbide; Designs and Simulations of Ballistic-Resistant MetaVCeramic Sandwich Structures; Considerations on Incorporating XCT into Predictive Modeling of Impact Damage in Armor Ceramics Failure Wave Propagation in Brittle SubstancesFabrication and Simulation of Random and Periodic Macrostructures; Dynamic and Static Testing to Predict Performance; The Correlation of

Microstructural and Mechanical Characteristics of Silicon Carbide with Ballistic Performance; High Strain Rate Compression Testing of Ceramics and Ceramic Composites; Recent Advancements in Split Hopkinson Pressure Bar (SHPB) Technique for Small Strain Measurements; Compression Testing and Response of Sic-N Ceramics: Intact, Damaged and Powder; Damage Effects on the Dynamic Response of Hot-Pressed Sic-N
 Effects of Porosity Distribution on the Dynamic Behavior of Sic
 Effect of Room-Temperature Hardness and Toughness on the Ballistic Performance of Sic-Based Ceramics; The Penetration of Armor Piercing Projectiles through Reaction Bonded Ceramics; The Effective Hardness of Hot Pressed Boron Carbide with Increasing Shock stress; Hardness and Hardness Determination in Silicon Carbide Materials; Damage Characterization: Observations, Mechanisms, and Implications; Sphere Impact Induced Damage in Ceramics: I. Armor-Grade SiC and TiB₂; Sphere Impact Induced Damage in Ceramics: 11. Amor-Grade B₄C and WC
 Sphere Impact Induced Damage in Ceramics: III Analysis
 A Comparison of Ceramic Materials Dynamically Impacted by Tungsten Carbide Spheres; Non-Destructive Evaluation; Ultrasonic Techniques for Evaluation of SIC Armor Tile; Non-Destructive Evaluation (NDE) of Ceramic Armor. Fundamentals; Non-Destructive Evaluation (NDE) of Ceramic Armor: Testing; On Non-Destructive Evaluation Techniques for Ballistic Impact Damage in Armor Ceramics; Novel Material Concepts; Static and Dynamic Fracture Behavior of Layered Alumina Ceramics; Processing and Ballistic Performance of Al₂O₃/TiB₂ Composites
 Tactical Vehicle Armor Systems that Utilize Large, Complex-Shaped Reaction Bonded Ceramic Tiles
 Means of Using Advance Processing to Eliminate Anomalous Defects on SIC Armor; Ballistic Properties of Pressureless Sintered SiC/mB Composites; Improved Ballistic Performance by Using a Polymer Matrix Composite Facing on Boron Carbide Armor Tiles; Analysis of Scattering Sites in Transparent Magnesium Aluminate Spinel; Author Index

Sommario/riassunto

Contains over 30 papers on the development and incorporation of ceramic materials for armor applications. Topics include impact and penetration modeling, dynamic and static testing to predict performance, damage characterization, non-destructive evaluation and novel material concepts.

2. Record Nr.	UNINA9910154713503321
Autore	Wasserstrom Jeffrey N
Titolo	China's Brave New World : --And Other Tales for Global Times / / Jeffrey N. Wasserstrom ; foreword by Vladimir Tismaneanu
Pubbl/distr/stampa	Bloomington, Indiana ; ; Indianapolis, Indiana : , : Indiana University Press, , 2007 ©2007
ISBN	9780253027764 0253027764
Descrizione fisica	1 online resource (236 pages)
Disciplina	951.06
Soggetti	Civilization, Modern - 1950- Electronic books. China Civilization 2002- China Civilization 1976-2002
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [201]-203) and index.
Nota di contenuto	Foreword: beyond Marx, Lenin, and Mao / Vladimir Tismaneanu -- Introduction -- Part 1. Adventures in China-watching -- Burgers, beepers, and bowling alleys -- Mr. Mao ringtones -- All the coffee in China -- The generalissimo would not be amused -- Part 2. The inscrutable West -- Searching the stars for Emily Hahn -- Traveling with Twain -- Around the world with Grant and Li -- The time machine of Tippecanoe County -- Part 3. Turn-of-the-century flashbacks -- Mixed emotions: China in 1999 -- Karl gets a new cap: Budapest in 2000 -- Patriotism in public life: the United States in 2001 -- A San Francisco of the East: Hong Kong in 2002 -- Part 4. The tomorrowland diaries -- China's brave new world -- Chicago in an age of illusions -- Why go anywhere? -- Faster than a speeding bullet train -- Afterword: rhymes for our times.
Sommario/riassunto	The author of Vigil: Hong Kong on the Brink delivers "a must-read for anyone interested in the world's most rapidly changing society" (James L. Watson, editor of Golden Arches East: McDonald's in East Asia). If Chairman Mao came back to life today, what would he think of

Nanjing's bookstore, the Librairie Avant-Garde, where it is easier to find primers on Michel Foucault's philosophy than copies of the Little Red Book? What does it really mean to order a latte at Starbucks in Beijing? Is it possible that Aldous Huxley wrote a novel even more useful than Orwell's 1984 for making sense of post-Tiananmen China- or post-9/11 America? In these often playful, always enlightening "tales," Jeffrey N. Wasserstrom poses these and other questions as he journeys from 19th-century China into the future, and from Shanghai to Chicago, St. Louis, and Budapest. He argues that simplistic views of China and Americanization found in most soundbite-driven media reports serve us poorly as we try to understand China's place in the current world order-or our own. "Rather effortlessly brilliant... It penetrates with a lightly knowing eye and ear into the interior mind, heart and soul of giant China and the innumerable Chinese."-AsiaMedia "This book provides a powerful lens for outsiders to understand a globalizing China and a unique mirror for the Chinese to reflect on their own society in a global context."-Yunxiang Yan, author of Private Life Under Socialism "Readers will find themselves far more observant and attentive to local distinctions when they take their first or next trip to China."-Stanley Rosen, The China Journal No. 60
