

1. Record Nr.	UNINA9910144825203321
Titolo	Proceedings of the 2nd and 3rd Annual conferences on composites and advanced materials [[electronic resource]] : a collection of papers presented at the 2nd and 3rd annual conferences on composites and advanced materials, sponsored by the Ceramic-Metal Systems Division, The American Ceramic Society, January 22-25, 1978, January 21-24, 1979, Frank Wolfe's Beach Side Motel, Cocoa Beach, Florida // John D. Buckley, conference director
Pubbl/distr/stampa	Colombus, OH, : American Ceramic Society, Inc., 1980
ISBN	1-282-31391-6 9786612313912 0-470-29103-6 0-470-29143-5
Descrizione fisica	1 online resource (190 p.)
Collana	Ceramic engineering and science proceedings, , 0196-6219 ; ; 1/7-8
Altri autori (Persone)	BuckleyJohn D
Disciplina	666.
Soggetti	Ceramics Ceramic metals Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The American Ceramic Society."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Proceedings of the 2nd and 3rd Annual Conferences on Composites and Advanced Materials; Table of Contents; Surface Characterization of Ceramed Composites and Environmental Sensitivity; Infrared Reflection Analysis of Si3N4 Oxidation; Interfacial Analysis of Bioglass-Vitallium and Bioglass-Stainless Steel Composites; Some Aspects of Boron Filament Elongation; CVD-Produced Boron Filaments; Radar Adsorptive Ferrite-Resin Composites from Industrial Effluent; Design and Fabrication of Stabilized Organic Matrix Composites; Design and Test of a Graphite-Epoxy Composite A-10 Slat Sintered Si3N4-Based Ceramics: Processing and Engineering PropertiesSi/SiC Ceramic Composities: Properties and Applications; Stresses in Metal Matrix Composites Due to Fiber Matrix Thermal Expansion Mismatch; Thermal Structural Ceramic Composites; High

Frequency Ultrasonics; Preventative Nondestructive Evaluation (PNDE) of Graphite-Epoxy Composites; Positron Annihilation Studies of Moisture in Graphite-Reinforced Composites; Effect of Heat Treatment on the Oxidation of Hot-Pressed Si₃N₄ as Determined by Infrared Reflection Analysis

Sommario/riassunto

This volume is part of the Ceramic Engineering and Science Proceeding (CESP) series. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.
