Record Nr. UNINA9910144822803321 Proceedings of the 5th Annual Conference on Composites and **Titolo** Advanced Ceramic Materials [[electronic resource]]: a collection of papers presented at the 5th Annual Conference on Composites and Advanced Ceramic Materials / / sponsored by the Ceramic-Metal Systems Division, The American Ceramic Society, January 18-22, 1981, Holiday Inn of Merritt Island, Merrit [sic] Island, Florida: James W. McCauley, conference cochairman Columbus, Ohio, : American Ceramic Society, 1981 Pubbl/distr/stampa **ISBN** 1-282-31416-5 9786612314162 0-470-29109-5 0-470-29151-6 Descrizione fisica 1 online resource (480 p.) Ceramic engineering and science proceedings, , 0196-6219; ; v. 2, no. Collana 7/8 Altri autori (Persone) McCauleyJames W Disciplina 620.1404 22 Soggetti Ceramic materials Composite materials Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographies. Nota di contenuto Proceedings of the 5th Annual Conference on Composites and Advanced Ceramic Materials: Table of Contents: Department of Defense Materials and Structures Technology Transfer; Glass Formation via Chemical Polymerization at Low Temperatures; Novel Techniques for the Formation of Silicon Carbide; Isostatic Hot Pressing of Sintered Lead Zirconate Titanate; TEM Application to Powder Processing; Synthesis of Ceramic Powders by Laser-Driven Reactions; Nuclear Wastes - A Problem Requiring Innovations in Processing and Characterization of **Advanced Materials** Ceramic Composites . Processing ChallengesLiners for Gun Tubes . A Feasibility Study; Cermet-Bonded Metal Pins for Weldable

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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.