Record Nr.	UNINA9910144688303321
Titolo	Proceedings of the Conference on Raw Materials for Advanced and Engineered Ceramics [[electronic resource]]: a collection of papers presented at the Raw Materials for Advanced and Engineered Ceramics Conference, February 11-12, 1985, the University of Alabama, University, AL // sponsored by the U.S. Department of the Interior, Bureau of Mines, cosponsored by the American Ceramic Society [et al]; Hendrik Heystek, editor
Pubbl/distr/stampa	Columbus, Ohio, : American Ceramic Society, 1985
ISBN	1-282-31407-6 9786612314070 0-470-32029-X 0-470-32064-8
Descrizione fisica	1 online resource (186 p.)
Collana	Ceramic engineering and science proceedings, , 0196-6219 ; ; v. 6, no. 9-10
Altri autori (Persone)	HeystekH
Disciplina	620.1404 22
Soggetti	Ceramic materials Raw materials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	Proceedings of the Conference on Raw Materials for Advanced and Engineered Ceramics; Table of Contents; Introductory Remarks; Starting Materials for Advanced Ceramics-Needs and Trends; Sic Fibers for Advanced Ceramic Composites; Ceramic Oxide Fibers; International Cooperation in High Technology Ceramics; Aluminas for Tomorrow's Ceramics; ZrO2 Powders for Advanced and Engineered Ceramics; Beryllium Oxide; Silicon Dioxide for Advanced and Engineered Ceramics; Synthesis of Si3N4 Powder by Thermal Decomposition of Si (NH)2 and Sintering Properties Fine Sic Powders for High Performance Ceramics, Their Production and CharacterizationSialons for Engineering and Refractory Applications; AIN and BN Powders for Advanced Applications; TiB2 Powder

1.

	Production for Engineered Ceramics; Natural Raw Materials Used In Advanced Ceramics; Lanthanides and Yttrium (Raw Materials for Advanced and Engineered Ceramics); High-Purity, Fine Ceramic Powders Produced in the Bureau of Mines Turbomill; BN Powder Synthesis at Low Temperatures
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.