Record Nr. UNINA9910643280603321 40th Conference on Glass Problems [[electronic resource]]: **Titolo** proceedings of the 40th Conference on Glass Problems, sponsored by the Departments of Ceramic Engineering, University of Illinois and Ohio State University / / Clifton G. Bergeron, conference director Pubbl/distr/stampa Columbus, OH,: American Ceramic Society, c1980 **ISBN** 1-282-31344-4 9786612313448 0-470-29100-1 0-470-29140-0 Descrizione fisica 1 online resource (111 p.) Collana Ceramic engineering & science proceedings; ; 1/1-2 Altri autori (Persone) BergeronClifton G Disciplina 620.1 620.144 Soggetti Glass Ceramics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Nota di contenuto Proceedings of the 40th Conference on Glass Problems; Table of Contents: Fundamentals of Automatic Control by Microprocessors: Future Trends in Computer Control of Glass Manufacturing; A Waste-Heat Recovery Boiler on a Glass-Melting Furnace; The Use of Waste Gases from a Glass Furnace to Operate a Turbine; An End-Port Furnace: A Continuing Case History; Waste-Heat Boilers for Flat Glass Furnaces; Isokinetic Sampling of Glass Batch Carryover; Raw Materials: Strategic Planning; Blank Mold Swabbing; Iron Oxide and Transmission of Glass; Design Considerations for All-Electric Glass Melters: I This volume is part of the Ceramic Engineering and Science Proceeding Sommario/riassunto (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,