Record Nr. UNINA9910144825303321 Proceedings of the 52nd Conference on Glass Problems [[electronic **Titolo** resource]]: a collection of papers presented at the 52nd Conference on Glass Problems, November 12-13, 1991, University of Illinois at Urbana-Champaign, Illini Union Building, Urbana, Illinois / / David L. Wilcox, Sr. and Clifton G. Bergeron, editors; sponsored by the Departments of Materials Science and Engineering of the University of Illinois at Urbana-Champaign and the Ohio State University Westerville, OH,: American Ceramic Society, 1992 Pubbl/distr/stampa **ISBN** 1-282-31499-8 9786612314995 0-470-31392-7 0-470-31602-0 Descrizione fisica 1 online resource (224 p.) Ceramic engineering and science proceedings, , 0196-6219;; v. 13, Collana no, 3/4 Altri autori (Persone) BergeronClifton G WilcoxDavid L Disciplina 666.1 Soggetti Glass manufacture Glass Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Ceramic Engineering & Science Proceedings; Table of Contents; 100% Oxygen Firing of Regenerative Melters; Conversion of a Large Container Furnace from Regenerative Firing to Direct Oxy-Fuel Combustion; Measurement and Control of NOx in Oxygen-Fired Glass Furnaces; A Case Study of NOx, PM, and Acid Gas Control Systems for Glass Furnaces: Glass Furnace Applications of SNCR NOx, Control Technology: Comparison of Predicted and Actual Performance; Computer Modeling of Glass Processing; Cullet Preheating: The Realistic Solution for All Glass Furnaces with Cullet Addition Batch and Cullet Preheating for Energy Savings and Removal of Air

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Technical and Cost Implications of Glass Container Recycling from the Perspective of a Local Community Processing FacilityPurchased Cullet Used as a Fiberglass Batch Raw Material; Glass Recycling Development and Technology Update

## 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.