1. Record Nr. UNINA9910830963503321

Titolo	A collection of papers presented at the 57th Conference on Glass Problems [[electronic resource]] : October 8-9, 1996, Columbus, OH / / sponsored by the Departments of Materials Science and Engineering at the Ohio State University and the University of Illinois at Urbana-Champaign ; Charles H. Drummond, III, editor
Pubbl/distr/stampa	Westerville, OH, : American Ceramic Society, c1997
ISBN	1-282-31365-7 9786612313653 0-470-29440-X 0-470-29489-2
Descrizione fisica	1 online resource (278 p.)
Collana	Ceramic engineering & science proceedings, , 0196-6219 ; ; v. 18/1
Altri autori (Persone)	DrummondCharles H (Charles Henry)
Disciplina	666.129
Soggetti	Glass Glass manufacture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Ceramic Engineering & Science Proceedings; Foreword; Preface; Acknowledgments; Table of Contents; Philosophy, Design, and Performance of Oxy-Fuel Furnaces; In-situ Refractory Testing of Superstructure Refractories; The Development and Implementation of a Three-Dimensional Combustion Code for Use in Glass Melting Furnaces; Demonstration of Cost-Effective NOx Reduction on a Regenerative Sideport Glass Furnace Using Oxygen-Enriched Air Staging; Pilkington 3R Technology: An Update; Raw Materials for Primary Glass Manufacture; Specialty Glass Raw Materials: Status and Developments Update of Glass Industry for the FutureEnergy Benchmarking: A Tool for Continuing Process Improvement for the Glass Industry; Refractory Corrosion Under Oxy-Fuel Firing Conditions; Glass Furnace NOx Control with Gas Reburn: The Field Test; Testing of Superstructure Refractories in a Gas-Oxy Atmosphere Against High-Alkali Glasses; Selection of Optimum Refractories for the Superstructure of Oxy-Fuel

	Glass Melting Furnaces; Stabilizing Distressed Glass Furnace Melter Crowns; Refractory Corrosion Behavior Under Air-Fuel and Oxy-Fuel Environments Determination of Trace Impurities in a Furnace Atmosphere at Operating TemperatureMolybdenum/Fused Cast AZS Material for Critical Areas in Glass Melting Tanks; Chromic Oxide Blocks for Use in the Container Glass Industry; Low Emissions from Endport Furnaces; Regenerative Oxygen Heat Recovery for Improved Oxy-Fuel Glass Metter Efficiency
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.