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Sommario/riassunto

The 83rd Conference on Glass Problems is a comprehensive collection of papers presented at the annual event held in 2022 at the Greater Columbus Convention Center, Columbus, Ohio. Edited by S. K. Sundaram and published by The American Ceramic Society, this volume is part of the Ceramic Transactions series. It explores various aspects of glass manufacturing, focusing on innovations and challenges in the industry. Key topics include advancements in refractory materials, energy efficiency, oxy-fuel combustion, and hydrogen fuel blending in glass furnaces. The book is intended for professionals and researchers in the glass industry, offering insights into modern technologies and practices aimed at improving glass production processes. The conference featured plenary sessions, technical presentations, and discussions on quality control, melting technologies, and raw material management.