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Nota di contenuto	Table of Contents -- 1. Introductory Chapter: Introduction to Zirconia Ceramic - A Versatile and Durable Material with a Wide Range of Applications -- 2. Classification and Generations of Dental Zirconia -- 3. Zirconia: Synthesis and Characterization -- 4. Processing of Zirconia -- 5. Zirconia in Restorative Dentistry -- 6. Recent Modifications of Zirconia in Dentistry -- 7. Perspective Chapter: The Application of Yttria-Stabilized Zirconia (YSZ).
Sommario/riassunto	This book is a comprehensive resource for students, researchers, professionals, and enthusiasts eager to understand the science, technology, and applications of zirconia. Its in-depth chapters, authored by experts in the field, provide a holistic view of this extraordinary material. Whether you're a materials scientist, an engineer, a dentist, or simply intrigued by the wonders of advanced ceramics, Zirconia - New Advances, Structure, Fabrication and Applications will expand your knowledge and inspire your curiosity. Zirconia, a remarkable ceramic material, has taken the world of materials science by storm. In this book, you will explore the diverse facets of zirconia, from its intriguing structure to its innovative applications. Take a journey into the world of zirconia, where innovation knows no bounds. Uncover its secrets, explore its applications, and witness the future of materials science unfold before your eyes.