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Titolo	Orthodontic Materials : Scientific and Clinical Aspects // by: Brantley, William A., Eliades, Theodore
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (x, 310 pages) : illustrations (some color)
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Soggetti	Orthodontic appliances Dental bonding Dental materials
Lingua di pubblicazione	Inglese
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Nota di contenuto	Orthodontic Materials; Half Title; Full Title; Copyright; Dedication; Contributors; Foreword; Preface; Table of Contents; 1 Structures and Properties of Orthodontic Materials; 2 Mechanics and Mechanical Testing of Orthodontic Materials; 3 Instrumental Techniques for Study of Orthodontic Materials; 4 Orthodontic Wires; 5 Enamel Etching and Bond Strength; 6 Oral Microbiological Changes, Long-Term Enamel Alterations Due to Decalcification and Caries Prophylactic Aspects; 7 Orthodontic Brackets; 8 Elastomeric Ligatures and Chains 9 Orthodontic Adhesive Resins and Composites: Principles of Adhesion; 10 Orthodontic Adhesive Resins; 11 Cements in Orthodontics; 12 Impression Materials; 13 Bonding to Non-Conventional Surfaces; 14 Principles of Biocompatibility; 15 Allergic Reactions and Safety Concerns; Appendix; Figure and Table Credits; Index
Sommario/riassunto	In this important new textbook all scientific and clinical aspects of orthodontic materials are described. Recent developments in science and technology have led to the introduction of a plethora of new orthodontic products. This work serves as an excellent source of information for a field that requires knowledge of basic elements of materials science, engineering, chemistry, and physics, as well as

clinical orthodontics.
