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Titolo	Developments and Novel Approaches in Nonlinear Solid Body Mechanics [[electronic resource] /] / edited by Bilen Emek Abali, Ivan Giorgio
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Nota di contenuto	1. Features of presented at ICoNSoM 2019 -- 2. Novel models exploring cutting-edge methods for developing in nonlinear solid mechanics -- 3. 3D printing - Innovative methods -- 4. Formulation of continuum and discrete models for complex materials.
Sommario/riassunto	This book features selected manuscripts presented at ICoNSoM 2019, exploring cutting-edge methods for developing novel models in nonlinear solid mechanics. Innovative methods like additive manufacturing—for example, 3D printing—and miniaturization mean that engineers need more accurate techniques for modeling solid body mechanics. The book focuses on the formulation of continuum and discrete models for complex materials and systems, particularly the design of metamaterials.