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Titolo	Advances in Linear and Nonlinear Continuum and Structural Mechanics // edited by Holm Altenbach, Victor Eremeyev
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Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (591 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 198
Disciplina	531
Soggetti	Continuum mechanics Mechanics, Applied Solids Continuum Mechanics Solid Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The chapters will be devoted to nonlinear elasticity -- 2. Theory of plates and shells -- 3. Surface elasticity -- 4. Micropolar, micromorphic and microstretch media -- 5. Micromechanics -- 6. Theory of dislocations and disclinations -- 7. Strain gradient elasticity and plasticity.
Sommario/riassunto	This book offers a current image of modern mechanics. The book reflects current state of the art in the field of continuum mechanics and mechanics of structures including recent achievements in classic and non-classic approaches. The chapters are written by leading specialist in the field, so the book collects cutting edge investigations in the field. As a target we consider the society starting from beginners, i.e. master and PhD students, and also leaders in the field, that is professors of universities and civil, mechanical and aerospace engineers.