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Collana	Lecture Notes in Applied and Computational Mechanics, , 1860-0816 ; ; 85
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Soggetti	Mechanics, Applied Solids Materials - Analysis Mechanics Solid Mechanics Characterization and Analytical Technique Classical Mechanics
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Basic Concepts of Anisotropy -- General Anisotropic Elasticity -- Plane Anisotropic Elasticity -- The Polar Formalism -- Anisotropic Laminates -- Design problems and methods of anisotropic structures.
Sommario/riassunto	This book presents a modern and unconventional introduction to anisotropy. The first part presents a general description of Anisotropic Elasticity theories while the second part focuses on the polar formalism: the theoretical bases and results are completely developed along with applications to design problems of laminated anisotropic structures. The book is based on lectures on anisotropy which have been held at Ecole Polytechnique in Paris.