

1. Record Nr.	UNINA9910452061703321
Autore	Ting T. C.-t (Thomas Chi-tsai), <1933->
Titolo	Anisotropic elasticity [[electronic resource]] : theory and applications / / T.C.T. Ting
Pubbl/distr/stampa	New York, : Oxford University Press, 1996
ISBN	0-19-756028-8 1-280-52616-5 9786610526161 0-19-802384-7 1-4294-0116-8
Descrizione fisica	1 online resource (591 p.)
Collana	Oxford engineering science series
Disciplina	620.1/1832
Soggetti	Anisotropy Composite materials - Mechanical properties Elasticity Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 1996.
Nota di bibliografia	Includes bibliographical references (p. [537]-562) and index.
Nota di contenuto	1. Matrix Algebra -- 2. Linear Anisotropic Elastic Materials -- 3. Antiplane Deformations -- 4. The Lekhnitskii Formalism -- 5. The Stroh Formalism -- 6. The Structures and Identities of the Elasticity Matrices -- 7. Transformation of the Elasticity Matrices and Dual Coordinate Systems -- 8. Green's Functions for Infinite Space, Half-Space, and Composite Space -- 9. Particular Solutions, Stress Singularities, and Stress Decay -- 10. Anisotropic Materials with an Elliptic Boundary -- 11. Anisotropic Media with a Crack or a Rigid Line Inclusion -- 12. Steady State Motion and Surface Waves -- 13. Degenerate and Near Degenerate Materials -- 14. Generalization of the Stroh Formalism -- 15. Three-Dimensional Deformations.
Sommario/riassunto	'Anisotropic Elasticity' offers for the first time a comprehensive survey of the analysis of anisotropic materials that can have up to twenty-one elastic constants. Focusing on the mathematically elegant and technically powerful Stroh formalism as a means to understanding the subject, the author tackles a broad range of key topics, including

antiplane deformations, Green's functions, stress singularities in composite materials, elliptic inclusions, cracks, thermo-elasticity, and piezoelectric materials, among many others. Well written, theoretically rigorous, and practically oriented, the book will be welcomed by students and researchers alike.

2. Record Nr.	UNINA9910689496603321
Titolo	Welfare reform : hearing before the Subcommittee on Human Resources of the Committee on Ways and Means, House of Representatives, One Hundred Sixth Congress, first session, November 15, 1999, Erie, Pennsylvania
Descrizione fisica	1 online resource (464 p.)
Soggetti	Welfare recipients - Employment - Pennsylvania Public welfare - Pennsylvania
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia