

1. Record Nr.	UNINA9910464520103321
Titolo	From waves in complex systems to dynamics of generalized continua [[electronic resource]] : tributes to Professor Yih-Hsing Pao on his 80th Birthday // editors, Kolumban Hutter, Tsung-Tsong Wu, Yi-Chung Shu
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, 2011
ISBN	1-283-43370-2 9786613433701 981-4340-72-3
Descrizione fisica	1 online resource (435 p.)
Altri autori (Persone)	HutterKolumban WuTsung-Tsong ShuYi-Chung PaoYih-Hsing
Disciplina	531.11
Soggetti	Waves Continuum mechanics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CONTENTS; PREFACE; CONTRIBUTORS; LAUDATIO FOR PROFESSOR YIH- HSING PAO ON THE OCCASION OF THE INTERNATIONAL SYMPOSIUM ON ENGINEERING MECHANICS 2010, ON THE OCCASION OF HIS 80TH BIRTHDAY (21/22 May 2010) ; List of Publications - Professor Y. -H. Pao; CHAPTER 1 LAMB WAVES IN PHONONIC BAND GAP STRUCTURES; 1. Introduction; 2. Formulation and Numerical Methods; 2.1. Plane Wave Expansion Method21,75,76; 2.2. Finite-Difference Time-Domain Method; 2.3. Finite Element Analysis; 3. Phononic Band Gaps, Waveguides, and Cavities; 3.1. Phononic Band Gaps of Lamb Waves; 3.2. Phononic Waveguides 3.3. Cavity4. Demonstrations of Band Gaps and Potential Applications; 4.1. Measurements of Band Gaps in a Stubbed PC Plate77; 4.2. Micro Phononic Cavity for Lamb Wave Resonator; 5. Conclusions; References; CHAPTER 2 ON GENERALIZATION OF THE PHASE RELATIONS IN THE METHOD OF REVERBERATION-RAY MATRIX; 1. Introduction; 2. System

of First-Order Differential Equations and the Solution; 3. Dual Coordinate System and Coordinate Transform; 4. Generalized Phase Relations; 5. Wave Propagation in Anisotropic Laminates; 6. Summary; Acknowledgments; References

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Sommario/riassunto

The book reviews recent research activities in applied mechanics and applied mathematics such as the fields of solid & fluid constitutive modeling for coupled fields, applications of geophysical & environmental context in judicious numerical-computational implementations. The book aims to merge foundation aspects of continuum mechanics with modern technological applications, notably on reviewing recent advances in the treated subjects in an attractive presentation accessible to a wide readership of engineering and applied sciences.
