

1. Record Nr.	UNINA9911011347303321
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Titolo	Dynamics of Discrete and Continuum Structures and Media / / edited by Holm Altenbach, Victor A. Eremeyev
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-75626-6
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (1005 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 221
Altri autori (Persone)	EremeyevVictor A
Disciplina	531.7
Soggetti	Continuum mechanics Building materials Acoustics Multibody systems Vibration Mechanics, Applied Architectural acoustics Continuum Mechanics Structural Materials Multibody Systems and Mechanical Vibrations Architectural Acoustics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Waves propagation for beam lattice materials -- Dynamic models of discrete structures and their continuum limit -- Comparison of different approaches to wave analysis -- Natural and forced oscillations of materials and structures with complex inner structure -- Waves and oscillation theory within generalized media -- Surface and interfacial waves in media with surface energy.
Sommario/riassunto	This volume is dedicated to the sixtieth birthday of Prof. Alexey Porubov and contains a selection of scientific papers prepared by papers by his friends and colleagues from different countries. It is devoted to actual research in dynamics considering discrete and continuum models of continuum and structures. It includes microstructures modeling the behavior of materials and offers new

theoretical approaches in dynamics with applications. There has been rapid development in the field of continuum mechanics in recent years. This has led to new theoretical concepts, e.g., better inclusion of the microstructure in the models describing material behavior. At the same time, there are also more applications for the theories in engineering practice. The book gives a new insight into the current developments.
