

1. Record Nr.	UNINA9910483397203321
Titolo	Advances in structural vibration : select proceedings of ICOVP 2017 // Subashisa Dutta, Esin Inan, Santosh Kumar Dwivedy, editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] ©2021
ISBN	981-15-5862-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIV, 580 p. 425 illus., 338 illus. in color.)
Collana	Lecture Notes in Mechanical Engineering
Disciplina	624.171
Soggetti	Structural dynamics Acoustical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Propagation of Viscoelastic Waves in a Single Layered Media with a Free Surface -- Axial Resistance of Short Built-Up Cold-Formed Steel Columns: Effect of Lacing Slenderness -- Analysis of Stepped beam Using Reduced Order Models -- Numerical Analysis of Geosynthetic Strengthened Brick Masonry panels -- Studies on Dynamic Characteristics of Sandwich Functionally Graded Plate Subjected to Non-Uniform Temperature Field. .
Sommario/riassunto	This book consists of selected and peer-reviewed papers presented at the 13th International Conference on Vibration Problems (ICOVP 2017). The topics covered in this book include different structural vibration problems such as dynamics and stability under normal and seismic loading, and wave propagation. The book also discusses different materials such as composite, piezoelectric, and functionally graded materials for improving the stiffness and damping properties of structures. The contents of this book can be useful for beginners, researchers and professionals interested in structural vibration and other allied fields.