

1. Record Nr.	UNINA9910300541303321
Titolo	Acoustics and Vibration of Mechanical Structures—AVMS-2017 : Proceedings of the 14th AVMS Conference, Timisoara, Romania, May 25–26, 2017 // edited by Nicolae Herisanu, Vasile Marinca
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-69823-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIII, 420 p. 235 illus., 181 illus. in color.)
Collana	Springer Proceedings in Physics, , 1867-4941 ; ; 198
Disciplina	620.3
Soggetti	Acoustics Acoustical engineering Multibody systems Vibration Mechanics, Applied Mathematical physics Engineering Acoustics Multibody Systems and Mechanical Vibrations Theoretical, Mathematical and Computational Physics Mathematical Methods in Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book is a collection of papers presented at Acoustics and Vibration of Mechanical Structures 2017 – AVMS 2017 – highlighting the current trends and state-of-the-art developments in the field. It covers a broad range of topics, such as noise and vibration control, noise and vibration generation and propagation, the effects of noise and vibration, condition monitoring and vibration testing, modeling, prediction and simulation of noise and vibration, environmental and occupational noise and vibration, noise and vibration attenuators, as well as biomechanics and bioacoustics. The book also presents analytical, numerical and experimental techniques for evaluating linear and non-

linear noise and vibration problems (including strong nonlinearity). It is primarily intended for academics, researchers and professionals, as well as PhD students in various fields of the acoustics and vibration of mechanical structures.
