

1. Record Nr.	UNINA9910255450903321
Autore	Luo Albert C. J
Titolo	Galloping Instability to Chaos of Cables / / by Albert C. J. Luo, Bo Yu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-5242-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (X, 208 p. 35 illus.)
Collana	Nonlinear Physical Science, , 1867-8440
Disciplina	624.171
Soggetti	Vibration Dynamical systems Dynamics Statistical physics Vibration, Dynamical Systems, Control Applications of Nonlinear Dynamics and Chaos Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	This book provides students and researchers with a systematic solution for fluid-induced structural vibrations, galloping instability and the chaos of cables. They will also gain a better understanding of stable and unstable periodic motions and chaos in fluid-induced structural vibrations. Further, the results presented here will help engineers effectively design and analyze fluid-induced vibrations.