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| | Autore | Azizi Aydin |
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| | Edizione | [1st ed. 2019.] |
| | Descrizione fisica | 1 online resource (XV, 93 p. 34 illus., 19 illus. in color.) |
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| | Disciplina | 620 |
| | Soggetti | Multibody systems <br> Vibration <br> Mechanics, Applied <br> Mathematical physics <br> Multibody Systems and Mechanical Vibrations <br> Theoretical, Mathematical and Computational Physics |
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| | Nota di contenuto | What is Noise?- What is White Noise?- Mechanical structures -- Stochastical Systems -- Overall Methodology Description. |
| | Sommario/riassunto | This book provides a concise introduction to the behavior of mechanical structures and testing their stochastic stability under the influence of noise. It explains the physical effects of noise and in particular the concept of Gaussian white noise. In closing, the book explains how to model the effects of noise on mechanical structures, and how to nullify / compensate for it by designing effective controllers. |