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""Chapter 5. Nonlinear Systems""; ""5.1 Introduction""; ""5.2 Simple Examples of Nonlinear Systems""; ""5.3 Physical Properties of Nonlinear Systems""; ""5.4 Solutions of the Equation of Motion of a Single-Degree-of-Freedom Nonlinear System""; ""5.5 Multidegree-of-Freedom Nonlinear Systems""; ""References""; ""Problems""; ""Chapter 6. Random Vibrations""; ""6.1 Introduction""; ""6.2 Classification of Random Processes""
""6.3 Probability Distribution and Density Functions""""6.4 Description of the Mean Values in Terms of the Probability Density Function""; ""6.5 Properties of the Autocorrelation Function""; ""6.6 Power Spectral Density Function""; ""6.7 Properties of the Power Spectral Density Function""; ""6.8 White Noise and Narrow and Large Bandwidth""; ""6.9 Single-Degree-of-Freedom Response""; ""6.10 Response to a White Noise""; ""6.11 Multidegree-of-Freedom Systems""; ""References""; ""Problems""; ""Chapter 7. The Typical Section in Aeroelasticity""; ""7.1 Single-Degree-of-Freedom Stability ""
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""Chapter 9. Aeroelasticity of Plates and Shells""
