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| 1. Record Nr. | UNINA9910457214103321 |
| Autore | Bismarck-Nasr Maher N. <1940-> |
| Titolo | Structural dynamics in aeronautical engineering [[electronic resource] /] / Maher N. Bismarck-Nasr |
| Pubbl/distr/stampa | Reston, Va., : American Institute of Aeronautics and Astronautics, Inc., c1999 |
| ISBN | 1-60086-245-4 1-60086-117-2 |
| Descrizione fisica | 1 online resource (308 p.) |
| Collana | AIAA education series |
| Disciplina | 629.134/31/015118 |
| Soggetti | Airframes - Mathematical models Space vehicles - Mathematical models Structural engineering - Mathematics Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | <p>""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Chapter 1. Matrix Algebra and Techniques""; ""1.1 Notations and Definitions""; ""1.2 Matrix Algebra""; ""1.3 Differentiation and Integration of Matrices""; ""1.4 Transformations""; ""1.5 Solution of Large Systems of Linear Equations""; ""1.6 The Eigenvalue Problem""; ""References""; ""Problems""; ""Chapter 2. Single-Degree-of-Freedom Linear Systems""; ""2.1 Equation of Motion""; ""2.2 Free Vibration""; ""2.3 Response to Harmonic Excitation""; ""2.4 Response to an Impulsive Excitation""</p> <p>""2.5 Response to a Step Excitation""""2.6 Response to Periodic Excitation (Fourier Series)""; ""2.7 Response to Aperiodic Excitation (Fourier Transform)""; ""2.8 Laplace Transform (Transfer Function)""; ""Problems""; ""Chapter 3. Multidegree-of-Freedom Linear Systems""; ""3.1 Equations of Motion""; ""3.2 Free Vibration: The Eigenvalue Problem""; ""3.3 Response to an External Applied Load""; ""3.4 Damping Effect""; ""3.5 Applications""; ""References""; ""Problems""; ""Chapter 4. Dynamics of Continuous Elastic Bodies""; ""4.1 Introduction""; ""4.2 Slender Beams""; ""4.3 Flat Plates""</p> |

""4.4 Shell Structures""""4.5 Response to Initial Conditions""; ""4.6 Response to External Excitations""; ""References""; ""Problems""; ""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 ""
""7.2 The Typical Section""""7.3 Typical Section Using Unsteady Linearized Potential Theory""; ""7.4 Typical Section with Control Surface""; ""7.5 Control Surface Reversal and Efficiency""; ""References""; ""Problems""; ""Chapter 8. Aeroelasticity of Flight Vehicles""; ""8.1 Introduction""; ""8.2 Problem Formulation""; ""8.3 Incremental Nonstationary Aerodynamic Loads""; ""8.4 Modal Transformation""; ""8.5 Solution of the Aeroelastic Stability Equations""; ""8.6 Applications""; ""8.7 Optimization to Satisfy Flutter Requirements""; ""References""
""Chapter 9. Aeroelasticity of Plates and Shells""
