

- | | |
|-------------------------|--|
| 1. Record Nr. | UNIBAS000037394 |
| Autore | Montesinos, José Fernández |
| Titolo | Pereda o la novela idilio / Jose F. Montesinos |
| Pubbl/distr/stampa | Madrid : Castalia, 1969 |
| Descrizione fisica | 309 p. ; 22 cm |
| Collana | Estudios sobre la novela espaola del siglo XIX |
| Disciplina | 860.5 |
| Soggetti | Pereda, José Maria de |
| Lingua di pubblicazione | Spagnolo |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910956575503321 |
| Autore | Maymon Giora |
| Titolo | Some engineering applications in random vibrations and random structures / / Giora Maymon |
| Pubbl/distr/stampa | Reston, Va., : American Institute of Aeronautics and Astronautics, Inc., c1998 |
| ISBN | 1-60086-649-2
1-60086-430-9 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (263 p.) |
| Collana | Progress in astronautics and aeronautics ; ; v. 178 |
| Disciplina | 629.1 s
519.2 |
| Soggetti | Random vibration
Stochastic processes
Structural dynamics
Structural analysis (Engineering) |
| 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

""Cover""; ""Title""; ""Copyright""; ""Foreword""; ""Table of Contents""; ""Preface""; ""Chapter 1 Deterministic Single-Degree-of-Freedom System""; ""I. SDOF System Subjected to External Harmonic Excitation""; ""II. SDOF System Subjected to Base Excitation""; ""III. Response of an SDOF System to General Force""; ""IV. Stresses in an SDOF System""; ""V. Summary""; ""Chapter 2 Deterministic Multiple-Degree-of-Freedom System""; ""I. Differential Equations and Normal Modes of an MDOF System""; ""II. Generalized Masses, Dampings, Rigidities, and Forces""; ""III. Uncoupled Differential Equations""; ""IV. Summary""; ""Chapter 3 Deterministic Continuous System""; ""I. Introduction""; ""II. Differential Equations of Continuous System""; ""III. Base Excitation""; ""IV. Stress Response""; ""V. Summary""; ""Chapter 4 Random Functions and Excitation""; ""I. Basic Concepts of Random Functions""; ""II. Practical Characterization of Random Excitation""; ""III. Important Excitation Functions""; ""IV. Boundary-Layer Excitation Model""; ""V. Summary""; ""Chapter 5 Response of Linear Systems to Stationary Random Excitations""; ""I. Response of a Linear SDOF System""; ""II. Response of a Linear MDOF System""; ""III. Response of a Linear Structure to Stationary Random Excitations""; ""IV. Summary""; ""Chapter 6 Nonlinear Single-Degree-of-Freedom and Multiple-Degree-of-Freedom Systems""; ""I. Introduction""; ""II. Nonlinear Behavior of an SDOF Oscillator""; ""III. Nonlinear Coefficients of a Structure""; ""IV. Summary""; ""Chapter 7 Statistical Linearization Method""; ""I. Statistical Linearization Method for an MDOF System""; ""II. Nonlinear Response of an SDOF System to Random Gaussian Force""; ""III. Nonlinear Random Response of Two-DOF System to Random Gaussian Force""; ""IV. Nonlinear Random Response of an Elastic System""; ""V. Computational Procedure""; ""VI. Calculation of Stress Response""; ""VII. Summary""; ""Chapter 8 Nondeterministic Structures: Basic Concepts""; ""I. Introduction""; ""II. Failure Surface: Basic Case""; ""III. Reliability Index""; ""IV. Summary""; ""Chapter 9 Calculation of the Probability of Failure""; ""I. Introduction""; ""II. Lagrange Multiplier Method""; ""III. Demonstration of the Iterative Process""; ""IV. Numerical Programs for Probabilistic Structural Analysis""; ""V. Summary""; ""Chapter 10 Taylor Series Expansion of the Failure Surface""; ""I. Introduction""; ""II. Taylor Series Expansion""; ""III. Selection of the Evaluation Point""; ""IV. Detailed Examples of the Taylor Series Expansion Method""; ""V. Summary""; ""Chapter 11 Direct Calculation of the Probability of Failure Using an Existing Finite Element Program""; ""I. Introduction""; ""II. MJPDF Method""; ""III. Numerical Examples""; ""IV. Summary""; ""Chapter 12 Probability of Failure of Dynamic Systems""; ""I. Introduction""; ""II. Statistical Behavior of a Stationary Gaussian Process""

Sommario/riassunto

This text synthesizes information for analyzing random vibrations and structures into one coherent body of knowledge. It takes a practical yet progressive look at two major fields related to random analysis: linear and geometrically nonlinear structures, and the behaviour of random structures under random loads.

3. Record Nr.	UNINA9910146313903321
Titolo	Seminaire de Probabilites XXXIV // edited by J. Azema, M. Emery, M. Ledoux, M. Yor
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2000
ISBN	3-540-46413-1
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (VIII, 440 p.)
Collana	Séminaire de Probabilités, , 2510-3660 ; ; 1729
Disciplina	519.2
Soggetti	Probabilities Probability Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Branching and interacting particle systems approximations of feynman-kac formulae with applications to non-linear filtering -- Exponential inequalities for besse processes -- On sums of iid random variables indexed by N parameters -- Series of iterated quantum stochastic integrals -- p-variation for families of local times on lines -- Large deviations for some poisson random integrals -- Formes de Dirichlet sur un Espace de Wiener-Poisson. Application au grossissement de filtration -- Saturations of gambling houses -- Convergence of a 'gibbs-boltzmann' random measure for a typed branching diffusion -- Time dependent subordination and markov processes with jumps -- Marked excursions and random trees -- Laws of the iterated logarithm for the Brownian snake -- On the Onsager-Machlup functional for elliptic diffusion processes -- A unified approach to several inequalities for gaussian and diffusion measures -- Trous spectraux pour certains algorithmes de Métropolis sur ? -- Comportement asymptotique des fonctions harmoniques sur les arbres -- Asymptotic estimates for the first hitting time of fluctuating additive functionals of Brownian motion -- Monotonicity property for a class of semilinear partial differential equations -- Fast sets and points for fractional Brownian motion -- Some invariance properties (of the laws) of Ocone's martingales.
Sommario/riassunto	This volume contains 19 contributions to various subjects in the theory of (commutative and non-commutative) stochastic processes. It also

provides a 145-page graduate course on branching and interacting particle systems, with applications to non-linear filtering, by P. del Moral and L. Miclo.
