1. Record Nr. UNINA9910787675903321

Autore	Hanegraaff Wouter J
Titolo	Swedenborg, Oetinger, Kant [[electronic resource]] : three perspectives on the secrets of heaven / / Wouter J. Hanegraaff ; foreword by Inge Jonsson
Pubbl/distr/stampa	West Chester, Pa., : Swedenborg Foundation, c2007
ISBN	0-87785-650-8
Descrizione fisica	1 online resource (170 p.)
Collana	Swedenborg studies ; ; no. 18
Disciplina	230/.94
Soggetti	Heaven - Christianity New Jerusalem Church - Doctrines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Second printing 2013.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Swedenborg's secrets of heaven -- A key to the secrets : Swedenborg's doctrine of correspondences -- The structure of secrets of heaven -- Method, history, and doctrine -- The method of biblical exegesis -- History and the styles of the word -- Teachings about charity and faith -- Biblical exegesis -- Genesis on the development of churches -- Genesis on the Lord's inner development -- Exodus on the spiritual church -- Accounts of memorable occurrences -- Heaven, hell, and their inhabitants -- The universal human constituted of angelic communities -- Hells and the process of spiritual devastation -- Oetinger, Kant, and the early reception of secrets of heaven -- The early reception of secrets of heaven -- Friedrich Christoph Oetinger -- Oetinger's first acquaintance with Swedenborg -- Swedenborgs and others earthly and heavenly philosophy -- From qualified acceptance to unqualified rejection -- Swedenborg in Oetinger's last works -- Immanuel Kant -- The Knobloch letter and the Herder fragments -- Dreams of a spirit seer -- Early reviews -- The later lectures on metaphysics -- What was at stake? -- Some later readers of secrets of heaven.

2. Record Nr. UNINA9911019329403321

Autore	Becherrawy Tamer
Titolo	Mechanical and electromagnetic vibrations and waves / / Tamer Becherrawy
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., London, : ISTE Ltd., 2012
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Edizione	[1st edition]
Descrizione fisica	1 online resource (414 p.)
Collana	ISTE
Disciplina	531/.32
Soggetti	Electromagnetic fields - Mathematical models Electromagnetic waves - Mathematical models Electrodynamics - Mathematical models Oscillations - Mathematical models Engineering mathematics
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 Page; Copyright Page; Table of Contents; Preface; Chapter 1. Free Oscillations; 1.1. Oscillations and waves, period and frequency; 1.2. Simple harmonic vibrations: differential equation and linearity; 1.3. Complex representation and phasor representation; 1.4. Point mass subject to a force-Kx; 1.5. Angular oscillations; 1.6. Damped oscillations; 1.7. Dissipation of the energy of a damped oscillator; 1.8. Oscillating LCR circuits; 1.9. Small oscillations of a system with one degree of freedom; 1.10. Nonlinear oscillators; 1.11. Systems with two degrees of freedom 1.12. Generalization to systems with n degrees of freedom1.13. Normal

variables for systems with n degrees of freedom*; 1.14. Summary; 1.15. Problem solving suggestions; 1.16. Conceptual questions; 1.17. Problems; Chapter 2. Superposition of Harmonic Oscillations, Fourier Analysis; 2.1. Superposition of two scalar and isochronous simple harmonic oscillations; 2.2. Superposition of two perpendicular and isochronous vector oscillations, polarization; 2.3. Superposition of two perpendicular and non-isochronous oscillations
2.4. Superposition of scalar non-synchronous harmonic oscillations, beats2.5. Fourier analysis of a periodic function; 2.6. Fourier analysis of a non-periodic function; 2.7. Fourier analysis of a signal, uncertainty relation; 2.8. Dirac delta-function; 2.9. Summary; 2.10. Problem solving suggestions; 2.11. Conceptual questions; 2.12. Problems; Chapter 3. Forced Oscillations; 3.1. Transient regime and steady regime; 3.2. Case of a simple harmonic excitation force; 3.3. Resonance; 3.4. Impedance and energy of a forced oscillator in the steady regime; 3.5. Complex impedance
3.6. Sustained electromagnetic oscillations3.7. Excitation from a state of equilibrium*; 3.8. Response to an arbitrary force, nonlinear systems*; 3.9. Excitation of a system of coupled oscillators*; 3.10. Generalization of the concepts of external force and impedance*; 3.11. Some applications; 3.12. Summary; 3.13. Problem solving suggestions; 3.14. Conceptual questions; 3.15. Problems; Chapter 4. Propagation in Infinite Media; 4.1. Propagation of one-dimensional waves; 4.2. Propagation of two- and three-dimensional waves; 4.3. Propagation of a vector wave
4.4. Polarization of a transverse vector wave4.5. Monochromatic wave, wave vector and wavelength; 4.6. Dispersion; 4.7. Group velocity; 4.8. Fourier analysis for waves*; 4.9. Modulation*; 4.10. Energy of waves; 4.11. Other unattenuated wave equations, conserved quantities*; 4.12. Impedance of a medium*; 4.13. Attenuated waves; 4.14. Sources and observers in motion, the Doppler effect and shock waves; 4.15. Summary; 4.16. Problem solving suggestions; 4.17. Conceptual questions; 4.18. Problems; Chapter 5. Mechanical Waves; 5.1. Transverse waves on a taut string
5.2. Strain and stress in elastic solids

Sommario/riassunto

Dealing with vibrations and waves, this text aims to provide understanding of the basic principles and methods of analysing various physical phenomena. The content includes the general properties of propagation, a detailed study of mechanical (elastic and acoustic) and electromagnetic waves, propagation, attenuation, dispersion, reflection, interference and diffraction of waves. It features chapters on the effect of motion of sources and observers (both classical and relativistic), emission of electromagnetic waves, standing and guided waves and a final chapter on de Broglie wa