

1. Record Nr.	UNINA9910463928003321
Titolo	Electromagnetic nondestructive evaluation (XVI) // edited by Joao M.A. Rebello, Federal University of Rio de Janeiro, Brazil, Fumio Kojima, Kobe University, Japan and Tomasz Chady, West Pomeranian University of Technology, Szczecin, Poland
Pubbl/distr/stampa	Amsterdam : , : IOS Press, , [2014] ©2014
ISBN	1-61499-354-8
Descrizione fisica	1 online resource (344 p.)
Collana	Studies in applied electromagnetics and mechanics ; ; volume 38
Disciplina	620.11278
Soggetti	Nondestructive testing Eddy current testing 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>""Title Page""; ""Preface""; ""Conference Organization""; ""List of Participants""; ""Contents""; ""Advanced Sensors""; ""Reliability Assessment of EMAT-NDE System for Pipe Wall Thinning Management""; ""Evaluation of Advanced Sensor Types Under Harmonic Excitation in ECT""; ""The High-Resolution Magnetic Camera: A Novel Sensor for Eddy Current Testing""; ""Hysteresis Characteristic and Repeat Accuracy of Magnetic Type Tactile Sensor""; ""Magnetic Field Sensor Utilizing Fiber Bragg Grating""; ""Analytical and Numerical Modeling""</p> <p>""Electromagnetic Inverse Analysis of Inclined Defect for Ferromagnetic Structural Materials""""Numerical Models for Composite Materials in E-NDT""; ""Uncertainties of MFL Signal Inversion and Worst-Case Defect Depth Estimation Using a Numerical Model ""; ""Lorentz Force Eddy Current Testing - Model Experiments and Numerical Calculations for Deep Lying Defects""; ""Noniterative Methods for Real Time Imaging of Conducting Materials""; ""Three-Dimensional Numerical Investigations of Lorentz Force Eddy Current Testing""</p> <p>""Large Scale 3D FEM Electromagnetic Simulations and Validations for FBR Steam Generator Tubes""""ECT Simulation of Complex Narrow</p>

Cracks in Planar Multi-Layered Structures"; "Numerical Modelling of Eddy-Current Testing in Tubes with Non-Canonical Wall Profile Using Modal Description of the Sources"; "Systems and Techniques for Electromagnetic NDE"; "Using the Barkhausen Noise Frequency Spectrum for Case Depth Estimates"; "Electromagnetic NDT System for Inspection of Train Hollow Axles"; "Artificial Neural Networks and Fuzzy Logic in Nondestructive Evaluation"
"Quantitative Evaluation of Dielectric Medium Arising in Cable Degradation Using Microwave Guided Measurement System"
Automatic Checking of Forging Press Tool Wear Through 3D Inspection"; "High Lift-Off Stress Measurement Using Electromagnetic Acoustic Resonance"; "A Modified Approach to Accurate Crack Depth Estimation in ACPD Technique"; "Eddy-Current Interaction Between a Probe Coil and a Conducting Plate with a Cylindrical Borehole"; "Time Series Data Mining in Eddy Current Nondestructive Evaluation; Application to Nuclear Fuel Cladding Examination"
"Characterization of Materials and NDE of Cracks" Advances in Electromagnetic NDE Techniques for Materials Evaluation"; "EM Material Characterization of Conductor Backed Media Using a NDE Microstrip Probe"; "Radiographic Inspection of Composite Materials"; "Characterization of Surface Cracks Through the Local Magnetic Field Induced by Eddy Currents"; "Real-Time Monitoring of Crack Growth Behaviour During Impact and Compact Tension Test with Non-Destructive Testing"
"Eddy Current Measurements of Electrical Conductivity in Specimens of Zircaloy-4 with Different Hydrogen Concentrations"

Sommario/riassunto

Electromagnetic Nondestructive Evaluation (ENDE) is the process of inducing electric currents, magnetic fields or both within a test object to assess its condition by observing the electromagnetic response. An important tool in fields as diverse as engineering, medicine and art, it does not permanently alter the object being tested, thus proving invaluable for product evaluation, troubleshooting and research. This book presents the proceedings of the 17th International Workshop on Electromagnetic Nondestructive Evaluation (ENDE), held in Rio de Janeiro, Brazil, in July 2012. ENDE workshop is

2. Record Nr.	UNINA9910454334003321
Autore	Whittaker David <1936->
Titolo	Interpreting organic spectra [[electronic resource] /] / David Whittaker
Pubbl/distr/stampa	Cambridge, U.K., : Royal Society of Chemistry, 2000
ISBN	1-62870-356-3 1-84755-115-7
Descrizione fisica	1 online resource (272 p.)
Disciplina	547.30858
Soggetti	Spectrum analysis Organic compounds - Spectra Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	BK9780854046010-FX001; BK9780854046010-FP001; BK9780854046010-FP005; BK9780854046010-FP007; BK9780854046010-00001; BK9780854046010-00019; BK9780854046010-00039; BK9780854046010-00051; BK9780854046010-00059; BK9780854046010-00083; BK9780854046010-00095; BK9780854046010-00107; BK9780854046010-00149; BK9780854046010-00169; BK9780854046010-00181; BK9780854046010-00193; BK9780854046010-00235; BK9780854046010-00257; BK9780854046010-00261
Sommario/riassunto	Spectroscopic data undoubtedly provides a great deal of useful information about organic molecules. Competently deriving structural information from such data therefore, is a requisite skill for many undergraduates studying chemistry. Interpreting Organic Spectra covers the basic principles of spectroscopy in as non-mathematical a way as possible. It assumes no previous knowledge of spectroscopy and avoids excessive theory, approaching the topic as an exercise in pattern recognition. Hence the main focus of the book is in the provision of a variety of spectra for the student to interpret. Stud

3. Record Nr.	UNINA9910463368203321
Autore	Carroll Leah Anne
Titolo	Violent democratization [[electronic resource]] : social movements, elites, and politics in Colombia's rural war zones, 1984-2008 / / Leah Anne Carroll
Pubbl/distr/stampa	Notre Dame, Ind., : University of Notre Dame Press, 2011
ISBN	0-268-07692-8
Descrizione fisica	xv, 447 p. : ill., maps
Collana	From the Helen Kellogg Institute for International Studies
Disciplina	986.106/35
Soggetti	Democratization - Colombia Violence - Colombia Political violence - Colombia Social movements - Colombia Elite (Social sciences) - Political activity - Colombia Electronic books. Colombia Rural conditions Colombia Politics and government 1974-
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references (p. 385-426) and index.