

The book was found

Ultrasonic Methods Of Non-destructive Testing (Non-Destructive Evaluation Series)



Synopsis

Ultrasonic Methods of Non-Destructive Testing covers the basic principles and practices of ultrasonic testing, starting with the basic theory of vibration and propagation, design and properties and probes, and then proceeding to the principles and practice of the various ultrasonic techniques for different types of components and structures, both metallic and non-metallic. The design and operation of various types of equipment are covered and references to appropriate national and international standards are provided. Numerous applications are discussed comprehensively and special attention is paid to latest developments. A large number of references is provided so as to enable the reader to obtain further information.

Book Information

Series: Non-Destructive Evaluation Series (Book 2)

Hardcover: 264 pages

Publisher: Springer; 1995 edition (November 30, 1995)

Language: English

ISBN-10: 0412604701

ISBN-13: 978-0412604706

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,368,963 in Books (See Top 100 in Books) #120 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing](#) #1183 in [Books > Business & Money > Management & Leadership > Management Science](#) #1389 in [Books > Business & Money > Management & Leadership > Production & Operations](#)

Customer Reviews

Essential reading for all those working on this type of evaluation together with research and undergraduate students of materials science, metallurgy, mechanical engineering and physics. - Aslib Book Guide; The basic theory of vibration and propagation and the design and properties of probes are described, proceeding to the principles and practice of ultrasonic techniques for different types of components and structures, both metallic and nonmetallic. The design and operation of various types of equipment are described and references to appropriate national and international standards are provided. - Mechanical Engineering; ...a most welcome contribution to an area where, despite its importance, textbooks have been in short supply - Journal of Strain Analysis.

Ultrasonic Methods of Non-destructive Testing is essential reading for all those concerned with the non-destructive testing industry as well as undergraduate students of materials science, metallurgy, mechanical engineering and physics. The technique of ultrasonic testing is now by far the most practised form of non-destructive testing. It is extensively employed in the aircraft, nuclear, oil and gas industries. Ultrasonic Methods of Non-destructive Testing covers the basic principles and practices of ultrasonic testing, starting with the basic theory of vibration and propagation, design and properties of probes, and then proceeding to the principles and practice of the various ultrasonic techniques for different types of component and structures, both metallic and non-metallic. The design and operation of various types of equipment are covered and references to appropriate national and international standards are provided. Numerous applications are discussed comprehensively and special attention is paid to the latest developments. A large number of references is provided in order to enable the reader to obtain further information.

[Download to continue reading...](#)

Ultrasonic Methods of Non-destructive Testing (Non-Destructive Evaluation Series) Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Ortiz Dog Whistle to Stop Barking - [FREE Lanyard Strap] Silent Bark Control for Dogs - Ultrasonic Patrol Sound Repellent Repeller - Silver Training Deterrent Whistle - Train Your Dog Fundamentals of Ultrasonic Phased Arrays (Solid Mechanics and Its Applications) Ultrasonic Periodontal Debridement: Theory and Technique Fundamentals and Applications of Ultrasonic Waves, Second Edition Electrical Insulation for Rotating Machines: Design, Evaluation, Aging, Testing, and Repair (IEEE Press Series on Power Engineering) Evaluation and Testing in Nursing Education: Fourth Edition (Springer Series on the Teaching of Nursing) ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription (Ascms Resource Manual for Guidlies for Exercise Testing and Prescription) Ruppel's Manual of Pulmonary Function Testing, 10e (Manual of Pulmonary Function Testing (Ruppel)) Manual of Pulmonary Function Testing, 9e (Manual of Pulmonary Function Testing (Ruppel)) Hacking: Computer Hacking, Security Testing, Penetration Testing, and Basic Security Essentials of Electronic Testing for Digital, Memory and Mixed-Signal VLSI Circuits (Frontiers in Electronic Testing) Hacking: Basic Security, Penetration Testing and How to Hack (hacking, how to hack, penetration testing, basic security, arduino, python, engineering Book 1) Hacking: How to Hack

Computers, Basic Security and Penetration Testing (Hacking, How to Hack, Hacking for Dummies, Computer Hacking, penetration testing, basic security, arduino, python) Ruppel's Manual of Pulmonary Function Testing - E-Book (Manual of Pulmonary Function Testing (Ruppel)) Testing Women, Testing the Fetus: The Social Impact of Amniocentesis in America (The Anthropology of Everyday Life) The Testing (The Testing Trilogy Book 1) Soil Properties: Testing, Measurement, and Evaluation (5th Edition)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)