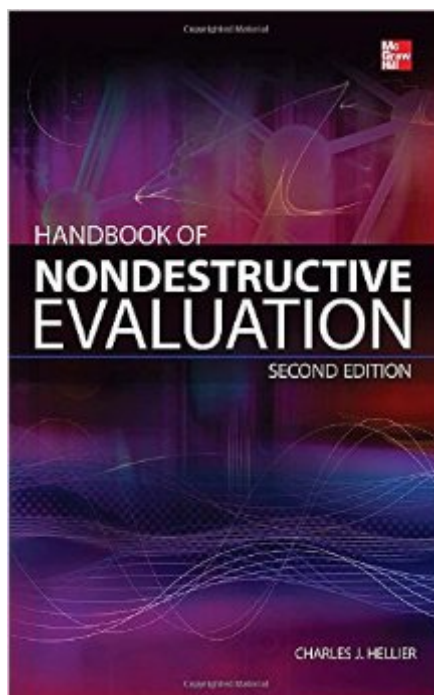


The book was found

Handbook Of Nondestructive Evaluation, Second Edition



Synopsis

A complete, up-to-date guide to the leading product testing standard Fully revised to cover the latest nondestructive testing (NDT) procedures, this practical resource reviews established and emerging methods for examining materials without destroying them or altering their structure. Handbook of Nondestructive Evaluation, Second Edition offers in-depth details on the background, benefits, limitations, and applications of each method. The book provides advice on how to interpret results and formulate accurate decisions based on your findings. New chapters on digital radiography, ultrasonic phased array testing, and ultrasonic guided wave inspection are included. This is a must-have reference for NDT certification candidates, engineers, metallurgists, quality control specialists, and anyone involved in product design, manufacture, or maintenance. Handbook of Nondestructive Evaluation, Second Edition covers:

- Introduction to nondestructive testing
- Discontinuities • origins and classification
- Visual testing
- Penetrant testing
- Magnetic particle testing
- Radiographic testing
- Ultrasonic testing
- Eddy current testing
- Thermal infrared testing
- Acoustic emission testing
- Digital radiography
- Ultrasonic phased array testing
- Ultrasonic guided wave inspection

Book Information

Hardcover: 720 pages

Publisher: McGraw-Hill Education; 2 edition (September 11, 2012)

Language: English

ISBN-10: 0071777148

ISBN-13: 978-0071777148

Product Dimensions: 6.2 x 1.6 x 9.4 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (13 customer reviews)

Best Sellers Rank: #890,067 in Books (See Top 100 in Books) #66 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing](#) #121 in [Books > Science & Math > Physics > Nanostructures](#) #167 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Products](#)

Customer Reviews

I gave this book five stars because it is the best book I have read, regarding NDT/NDE. The authors of this book wrote an earlier edition, similar to this book, and it was great. This book has a way of explaining a sometimes-complex science into "easy to understand" chapters and has added more

advanced methods of testing than the last version. It was clear to me that the authors of this book care very much about what they wrote and seem to want to make it easier for others to understand NDT/NDE.

There is SO much to know in the world of NDT/NDE/NDI and this book has a wealth of knowledge!! I feel safe to assume that it is a college textbook. That being said, some areas are a bit over my head (being that I'm not a mechanical engineering major) but that shouldn't stop you if you have the desire to know more about the industry. I've been in NDT for under a year, a state licensed radiographer for a couple months and feel this book has me well on my way to acquiring more certifications. Not to mention that it has given me a much more thorough understanding of where the industry has come from and where it's going.

Great book for entree level or old salt NDT persons. Book provides good refresher background and past history of the NDT's so not to be overburdened with the technical yet nicely informative of the background to the methods

It must be a great reference. Why else would I buy two copies; one for home, and one for the office? Let's face it, no one mortal person can be all-knowing about all things. That's why I wanted a better understanding of the NDT that I never pretended to know much about, always sticking to what I did feel competent doing. But I always wondered: how does that NDT work? Now I can look it up and be somewhat conversant about different NDT processes and not just sit around shrugging my shoulders. This book is just what I've needed for years; and now I have two of them - just in case.

This book has a lot of stock in it for the price you pay for it. Very good bargain. I recommend this book for all you can learn from it. Very complete.

The book needs better quality pictures, why not in color, and larger size to show details better!! The information content is outstanding!!

I like this book as it has a lot of information regarding the different types of NDT. Even more detailed as I thought it would be.

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

Handbook of Nondestructive Evaluation, Second Edition Fundamentals of Structural Integrity:

Damage Tolerant Design and Nondestructive Evaluation The Program Evaluation Standards: A Guide for Evaluators and Evaluation Users ISO 10993-1:2003, Biological evaluation of medical devices - Part 1: Evaluation and testing Bisesi and Kohn's Industrial Hygiene Evaluation Methods, Second Edition Evaluation of Health Care Quality for DNPs, Second Edition Assessment, Evaluation, and Programming System for Infants and Children (AEPS^Â ^Â®), Second Edition, Curriculum for Three to Six Years (AEPS: Assessment, Evaluation, and Programming System (Unnumbered)) Assessment, Evaluation, and Programming System for Infants and Children (AEPS^Â ^Â®), Second Edition, Test: Birth to Three Years and Three to Six Years ... and Programming System (Unnumbered)) The Entered Apprentice Handbook, The Fellow Crafts Handbook, The Higher Degrees Handbook, and The Master Mason's Handbook Handbook of Zoonoses /A: Hdbk of Zoonoses Section A (CRC) (closed) /a: Handbook of Zoonoses, Second Edition, Section A: Bacterial, Rickettsial, Chlamydial, and Mycotic Zoonoses The Complete Wizard's Handbook, Second Edition (Advanced Dungeons & Dragons: Player's Handbook Rules Supplement #2115 Reliable Computer Systems: Design and Evaluation, Third Edition Energy Systems Engineering: Evaluation and Implementation, Third Edition Evaluation of Human Work, 2nd Edition Origen y evolucion del hombre/ Origin and Evaluation of Man (Alianza universidad) (Spanish Edition) Guides to the Evaluation of Permanent Impairment, Sixth Edition Dutton's Orthopaedic Examination Evaluation and Intervention, Third Edition Curriculum Development and Evaluation in Nursing, Third Edition Workbook and Competency Evaluation Review for Mosby's Textbook for Nursing Assistants (text only) 7th (Seventh) edition by S. A. Sorrentino RN MSN PhD,L. Remmert BSN RN Workbook and Competency Evaluation Review for Mosby's Textbook for Nursing Assistants 7th Edition.

[Dmca](#)