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| Altri autori (Persone)  | HerrmannKonrad   |
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| Nota di contenuto       | <p>""Title Page""; ""Contents""; ""Chapter 1 The Fundamentals of Hardness Testing""; ""The History of Hardness Testing""; ""The Term Hardness""; ""Interrelationship Between Material Structure and Hardness""; ""Relationships Between Hardness and Other Mechanical Material Properties""; ""Hardness Unit and Traceability of the Hardness Measurement""; ""Summary""; ""EA Measurement Uncertainty Guideline for Brinell and Vickers Measurements""; ""EA Guideline for Determining Measurement tUncertainty During the Hardness Test According to the HRC Scale""</p> <p>""Chapter 2 Hardness Measurement of Metalsa€? Static Methods"""" Rockwell ISO 6508 and ASTM E 18 Procedures""; ""Vickers ISO 6507, ASTM E92, and ASTM E384 Procedures""; ""Brinell ISO 6506 and ASTM E10 Procedures""; ""Knoop ISO 4545 and ASTM E284 Procedures""; ""Chapter 3 Dynamic Test Methods""; ""Introduction""; ""Theory""; ""Methods to Measure the Deformation""; ""Methods to Measure Energy""; ""Applications""; ""Outlook""; ""Chapter 4 Hardness Testing of Metalsa€?Contactless and Other Nondestructive Methods""; ""Electromagnetic Impulse Method""; ""Photothermal Method""</p> <p>""Determining Hardening Depth by Ultrasound""""Scratch Hardness Testing""; ""Ultrasonic Contact Impedance (UCI) Procedure""; ""Checking the Hardness Testing Machines and Indenters""; ""Hardness Reference Blocks and Their Calibration""; ""Hardness Conversion According to ISO 18265""; ""Capability of the Testing Equipment and Suitability of the</p> |

Testing Method"; "Chapter 5 Hardness Measurement of Plastics and Elastomers"; "Test Procedures"; "Testing Technique"; "Applications"; "Summary"; "Chapter 6 Instrumented Indentation Test"; "Introduction"; "Contact Mechanics" "Test Method" "Required Checking of Test Equipment and Indenters"; "Special Case: Testing of Layers"; "Test Engineering"; "Application Examples"; "Measurement Uncertainty"; "Determining the True Stress-Strain Curve of Materials"; "Summary"; "Chapter 7 Standardization"; "General Comments on Standardization"; "Historical Development of Materials Testing Standards"; "Status of Standardization in the Field of Hardness Testing"; "Index"

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