1. Record Nr. UNINA9910777075803321

Titolo	Characterization of high Tc materials and devices by electron microscopy / / edited by Nigel D. Browning, Stephen J. Pennycook [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2000
ISBN	1-107-11301-6 1-280-41701-3 9786610417018 0-511-17507-8 0-511-03966-2 0-511-15517-4 0-511-32866-4 0-511-53482-5 0-511-05339-8
Descrizione fisica	1 online resource (xii, 391 pages) : digital, PDF file(s)
Disciplina	537.6/23/0284
Soggetti	High temperature superconductors Electron microscopy - Technique
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	; 1. High-resolution transmission electron microscopy / S. Horiuchi and L. He -- ; 2. Holography in the transmission electron microscope / A. Tonomura -- ; 3. Microanalysis by scanning transmission electron microscopy / L.M. Brown and J. Yuan -- ; 4. Specimen preparation for transmission electron microscopy / J.G. Wen -- ; 5. Low-temperature scanning electron microscopy / R.P. Huebener -- ; 6. Scanning tunneling microscopy / M.E. Hawley -- ; 7. Identification of new superconducting compounds by electron microscopy / G. Van Tendeloo and T. Krekels -- ; 8. Valence band electron energy loss spectroscopy (EELS) of oxide superconductors / Y.Y. Wang and V.P. Dravid.
Sommario/riassunto	This is a clear account of the application of electron-based microscopies to the study of high-Tc superconductors. Written by

leading experts, this compilation provides a comprehensive review of scanning electron microscopy, transmission electron microscopy and scanning transmission electron microscopy, together with details of each technique and its applications. Introductory chapters cover the basics of high-resolution transmission electron microscopy, including a chapter devoted to specimen preparation techniques, and microanalysis by scanning transmission electron microscopy. Ensuing chapters examine identification of superconducting compounds, imaging of superconducting properties by low-temperature scanning electron microscopy, imaging of vortices by electron holography and electronic structure determination by electron energy loss spectroscopy. The use of scanning tunnelling microscopy for exploring surface morphology, growth processes and the mapping of superconducting carrier distributions is discussed. Final chapters consider applications of electron microscopy to the analysis of grain boundaries, thin films and device structures. Detailed references are included.

2. Record Nr. UNINA9910958196303321

Autore	Teglasi Hedwig
Titolo	Essentials of TAT and other storytelling assessments / / Hedwig Teglasi
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2010
ISBN	9786612684869 9780470627181 0470627182 9781282684867 1282684868 9780470627174 0470627174
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (403 p.)
Collana	Essentials of psychological assessment series
Altri autori (Persone)	TeglasiHedwig
Disciplina	155.4/182844
Soggetti	Thematic Apperception Test Personality assessment of children Personality assessment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Rev. ed. of: Essentials of TAT and other storytelling techniques assessment / Hedwig Teglasi. c2001.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Essentials of storytelling administration -- Essentials of storytelling interpretation -- Essentials of TAT assessment of cognition -- Essentials of TAT assessment of emotion.
Sommario/riassunto	Quickly acquire the knowledge and skills you need to confidently administer, score, and interpret a variety of storytelling techniques Storytelling techniques are a popular projective approach for assessing many aspects of a person's personality, such as cognitive processes, emotional functioning, and self-regulation. The broad spectrum of techniques includes the Thematic Apperception Test (TAT-the most widely embraced), Roberts-2, and TEMAS (Tell-Me-A-Story). To use these tests properly, professionals need an authoritative source of advice and guidance on how to administer, score, an