

1. Record Nr.	UNINA9910143966103321
Autore	Reimer Ludwig <1928->
Titolo	Transmission electron microscopy : physics of image formation / / Ludwig Reimer, Helmut Kohl
Pubbl/distr/stampa	New York, New York : , : Springer, , [2008] ©2008
ISBN	0-387-34758-5
Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (XVI, 590 p. 276 illus.)
Collana	Springer series in optical sciences ; ; 36
Disciplina	502.825
Soggetti	Transmission electron microscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [491]-574) and index.
Nota di contenuto	Particle Optics of Electrons -- Wave Optics of Electrons -- Elements of a Transmission Electron Microscope -- Electron-Specimen Interactions. -- Scattering and Phase Contrast -- Theory of Electron Diffraction -- Electron-Diffraction Modes and Applications . -- Imaging of Crystalline Specimens and Their Defects. -- Elemental Analysis by X-ray and Electron Energy-Loss Spectroscopy. -- Specimen Damage by Electron Irradiation.
Sommario/riassunto	Transmission Electron Microscopy: Physics of Image Formation presents the theory of image and contrast formation, and the analytical modes in transmission electron microscopy. The principles of particle and wave optics of electrons are described. Electron-specimen interactions are discussed for evaluating the theory of scattering and phase contrast. Also discussed are the kinematical and dynamical theories of electron diffraction and their applications for crystal-structure analysis and imaging of lattices and their defects. X-ray microanalysis and electron energy-loss spectroscopy are treated as analytical methods. Specimen damage and contamination by electron irradiation limits the resolution for biological and some inorganic specimens. This fifth edition includes discussion of recent progress, especially in the area of aberration correction and energy filtering; moreover, the topics introduced in the fourth edition have been updated. Transmission Electron Microscopy: Physics of Image Formation is written for scientists and application engineers in fields such as physics, chemistry, mineralogy, materials

science and biology. Researchers, students, and other users of a transmission electron microscope can also benefit from this text.

2. Record Nr.	UNINA9910143270103321
Autore	Hunter Robert Edwards <1940->
Titolo	Building a successful Palestinian state : security / / Robert E. Hunter, Seth G. Jones
Pubbl/distr/stampa	Santa Monica, CA, : RAND Corporation, 2006
ISBN	9786612282669 1-282-28266-2 0-8330-4049-9 1-4337-0950-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (85 p.)
Altri autori (Persone)	JonesSeth G. <1972->
Disciplina	956.05/3
Soggetti	Arab-Israeli conflict - 1993- - Peace Palestinian Arabs - Politics and government National security - Israel
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"MG-146/2."
Nota di bibliografia	Includes bibliographical references (p. 69-72).
Nota di contenuto	Border arrangements -- International force -- Palestinian military forces -- Israeli settlements -- Intelligence, monitoring, enforcement, and dispute -- Resolution provisions -- Special security issues regarding Jerusalem -- External security environment -- Conclusion -- Appendix -- A. security issues and the Arab-Israeli peace process, 1967/2003 -- B. "Clinton parameters" (presented by President Bill Clinton to the Israeli and -- Palestinian negotiators on December 23, 2000).
Sommario/riassunto	This study examines key external security issues that must be met for there to be a successful independent Palestinian state following a peace agreement with Israel. It makes proposals for an international (NATO-led) peace-enabling force, Palestinian security forces, and liaison and confidence-building cooperation between Palestine and Israel.

