1. Record Nr. UNINA9910552780503321

Autore	Phegley Jennifer
Titolo	Educating the Proper Woman Reader : Victorian Family Literary Magazines and the Cultural Health of the Nation / / Jennifer Phegley
Pubbl/distr/stampa	Columbus : , : Ohio State University Press, , 2004 ©2004
ISBN	0-8142-7309-2
Descrizione fisica	1 online resource (x, 233 p. :) : ill. ;
Disciplina	820.9/9287/09034
Soggetti	Women in literature Didactic literature, English - History and criticism American literature - 19th century - History and criticism Literature publishing - Great Britain - History - 19th century Periodicals - Publishing - United States - History - 19th century Periodicals - Publishing - Great Britain - History - 19th century Women and literature - English-speaking countries - History - 19th century Middle class women - Books and reading - English-speaking countries - History - 19th century English literature - 19th century - History and criticism Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 213-225) and index.
Nota di contenuto	The scene of women's reading : mid-nineteenth century culture, professional critics, and family literary magazines -- Piracy and the patriotic woman reader : making British literature American in Harper's new monthly magazine, 1850-1855 -- The education and professionalization of the woman reader : consolidating middleclass power in the Cornhill magazine, 1860-1864 -- (Im)proper reading for women : Belgravia magazine and the defense of the sensation novel, 1866-1871 -- Victoria's secret : the woman's movement from reader to writer/critic, 1863-1868.

2. Record Nr. UNINA9910373924903321

Autore	Quinten Michael
Titolo	A Practical Guide to Surface Metrology / / by Michael Quinten
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-29454-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXV, 230 p. 156 illus., 100 illus. in color.)
Collana	Springer Series in Measurement Science and Technology, , 2198-7807
Disciplina	681.25
Soggetti	Physical measurements Measurement Materials science Surfaces (Physics) Interfaces (Physical sciences) Thin films Materials—Surfaces Engineering—Materials Lasers Photonics Measurement Science and Instrumentation Characterization and Evaluation of Materials Surface and Interface Science, Thin Films Surfaces and Interfaces, Thin Films Materials Engineering Optics, Lasers, Photonics, Optical Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Introduction to Surfaces and Surface Metrology -- Tactile Surface Metrology -- Capacitive And Inductive Surface Metrology -- Optical Surface Metrology- Physical Basics -- Optical Surface Metrology - Methods -- Imaging Methods - Multisensor - Systems - A Versatile Approach To Surface Metrology -- Appendix -- Index.
Sommario/riassunto	This book offers a genuinely practical introduction to the most

commonly encountered optical and non-optical systems used for the metrology and characterization of surfaces, including guidance on best practice, calibration, advantages and disadvantages, and interpretation of results. It enables the user to select the best approach in a given context. Most methods in surface metrology are based upon the interaction of light or electromagnetic radiation (UV, NIR, IR), and different optical effects are utilized to get a certain optical response from the surface; some of them record only the intensity reflected or scattered by the surface, others use interference of EM waves to obtain a characteristic response from the surface. The book covers techniques ranging from microscopy (including confocal, SNOM and digital holographic microscopy) through interferometry (including white light, multi-wavelength, grazing incidence and shearing) to spectral reflectometry and ellipsometry. The non-optical methods comprise tactile methods (stylus tip, AFM) as well as capacitive and inductive methods (capacitive sensors, eddy current sensors). The book provides: Overview of the working principles Description of advantages and disadvantages Currently achievable numbers for resolutions, repeatability, and reproducibility Examples of real-world applications A final chapter discusses examples where the combination of different surface metrology techniques in a multi-sensor system can reasonably contribute to a better understanding of surface properties as well as a faster characterization of surfaces in industrial applications. The book is aimed at scientists and engineers who use such methods for the measurement and characterization of surfaces across a wide range of fields and industries, including electronics, energy, automotive and medical engineering.