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Altri autori (Persone)	CricentiAntonio
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface; CONTENTS; Theory of Surface Optical Properties Rodolfo Del Sole Maurizia Palummo Olivia Pulci; The Application of Reflectance Anisotropy Spectroscopy to Organics Deposition G Bussetti, C Goletti, P Chiaradia, T Berzina, E Dalcanale S Nardis A Froiio, R Paolesse, E Mazzone, C Di Natale A D'Amico; First-Principles Optical Spectra of Semiconductor Surfaces From One-Particle to Many-Body Approach Maurizia Palummo, Olivia Pulci, Rodolfo Del Sole; Ab-Initio Optical Properties of Bn(110) and GaN(110) Surfaces G Cappellini G Satta, M Palummo, G Onida Longitudinal Gauge Theory of Second Harmonic Generation at Semiconductor Surfaces B S Mendoza Optical Second Harmonic Generation and the Characterisation of Low Dimensional Nanostructures on Planar Silicon J F McGilp; Nonlinear Optical

Properties of Oligothiophene Self-Assembled Monolayers on Gold Substrate T Tamura, E Mishina, Y Miyakita Q -K Yu, S Nakabayashi; Second-Harmonic Generation and Photoemission from A1 Quantum Wells on Si(111)7x7 K Pedersen P K Kristensen J Rafaelsen, N Skivesen T G Pedersen P Morgen Z Li S V Hofiann
Femtosecond Sum Frequency Generation on Molecular Adsorbates Mischa BonnFabrication and Characterization of Organic Light Emitting Diodes Based on Alq, S Gambino G Baldacchini S Gagliardr S Loret R M Montereall A Pace F Michelotti F Onorati; Optical Spectroscopy and Scanning Near-Field Optical Microscopy on He+ Irradiated Lithium Fluoride Crystals V Mussi A Cricenti, R M Montereali, B Jacquiel; P Moretti E Nichelatti F Somma; "Supersohtons" in Infinite Arrays of Plane-Parallel Layers or Coupled Identical Optical Waveguides Igor V Gerasimchuk, Alexander S Kovalev
Atomic Force Microscopy as a Tool for Biophysical and Cellular Biology Studies M Girasole, A CricentiPhase Contrast Radiology in Matenals Science Y Hwu Wen Li Tsar, A Groso G Margaritondo Jung Ho Je; Resonant Magneto-Optical Phenomena in Structures With Two-Dimensional Electron Plasma V V Popov; Nonlinear Magneto-Optics Principles and Applications for Magnetic Thin Films Theo Rasing; Inhomogeneous Luminescence from Exciton-Polanton Modes in Quantum Well T V Teperik V V Popov, N J M Honng; Ultrafast Magnetization Switching Dynamics Theo Rasing

Sommario/riassunto

This book assesses the capabilities of state-of-the-art optical techniques in elucidating the fundamental electronic and structural properties of semiconductor and metal surfaces, interfaces, thin layers, and layer structures. It also examines the usefulness of these techniques for optimization of high quality multilayer samples through feedback control during materials growth and processing. Emphasis is given to dynamical processes through the use of pump-probe techniques, together with the search for new optical sources. Some new applications of scanning probe microscopy to materials science

2. Record Nr.	UNINA9910959157603321
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (182 p.)
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Soggetti	Water conservation
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Acknowledgments""; ""Foreword""; ""Introduction""; ""Utility Evaluation""; ""Review Utility (Supply Side) Conservation Measures""; ""Review Consumer Conservation Measures""; ""Potential Water Savings""; ""Designing a Conservation Program""; ""Implementing a Conservation Program""; ""Appendix A""; ""Appendix B""; ""Appendix C""; ""Appendix D""; ""Appendix E""; ""Appendix F""; ""Glossary""; ""References""; ""Index""
Sommario/riassunto	Written for utilities serving fewer than 100,000 customers, this book provides practical advice and guidance for implementing a water conservation program. With a menu of possible conservation techniques and approaches from which to choose, the book lets you customize a program for your utility's particular needs, issues, and customers, regardless of your geographic location. Worksheets offer a step-by-step approach to help you decide which techniques will best benefit your utility and community. Includes benefit-cost analysis charts and tables, sample conservation programs, and recommended budgets.