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Altri autori (Persone)	CricentiAntonio
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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 MendozaOptical 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 Al Quantum Wells on Si(111)7x7 K Pedersen P K Kristensen J Rafaelsen, N Skivesen T G Pedersen P Morgen Z Li S V Hofmann
 Femtosecond Sum Frequency Generation on Molecular Adsorbates Mischa Bonn
 Fabrication and Characterization of Organic Light Emitting Diodes Based on Alq₃ S Gambino G Baldacchini S Gagliardi S Loreti R M Montecalli A Pace F Michelotti F Onorati; Optical Spectroscopy and Scanning Near-Field Optical Microscopy on He⁺ Irradiated Lithium Fluoride Crystals V Mussi A Criscitiello, R M Montecalli, B Jacquiel; P Moretti E Nicolatti F Somma; "Supersolitons" 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 Criscitiello
 Phase Contrast Radiology in Materials Science Y Hwu Wen Li Tsai, 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-Polariton Modes in Quantum Well T V Teperik V V Popov, N J M Honig; 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