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and H. WeberInvited Seminars; Optical Beams in Uniaxial Crystals G. Cincotti, A. Ciattoni and H. Weber; Light Beam Shaping: The Integration Method P. Di Lazzaro, S. Bollanti and D. Murra; Beam Propagation in Quadratic Media G. Leo; Generation of Polarization Entangled Photons by a Universal Source of Entanglement M. Barbieri, F. De Martini, G. Di Nepi and P. Mataloni; Polarization Instabilities in a Quasi-Isotropic CO<sub>2</sub> Laser R. Meucci, I. Leyva and E. Allaria

Superluminal Localized Solutions to the Maxwell Equations for Vacuum and for Dispersive Media (with Arbitrary Frequencies and Bandwidths)

M. Zamboni Racked, K.Z. Nobrega and E. RecamiAngular Momentum in Optical Beams J. Serna; Experimental Aspects in Beam Characterization (abstract) A. Sana; Seminars; Applications of the Time-Resolved Integral-Geometric Methods for the Composite Materials Diagnostics (abstract) A. A. Aliverdiev

The Electrodynamics of Processes having placed in the Volume of a Monochromatic Coherent Polarized Radiation Beam (abstract) A. A. Aliverdiev, A. A. Aliverdiev and A. A. AmirovNaturally Generated Beams by Quasi-Optical Phenomena M. Branescu; Laser and Satellite Remote Sensing of the Ocean L. Fiorani; Time-Resolved Spectroscopy of Semiconductor Photodetectors (abstract) B. Pura, J. Strzeszewski, A. Tadeusiak and Z. Wrzesinski; Polymer Waveguides for Optical Modulators (abstract) B. Pura, J. Strzeszewski, A. Tadeusiak and Z. Wrzesinski

Acceleration of Electrons in Free Space by a TM<sub>01</sub> Laser Beam C. Varin and M. Piche

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#### Sommario/riassunto

Optical beams are electromagnetic waves that remain essentially concentrated around a mean axis upon free propagation or that are guided by suitable structures. The study of these beams has existed long ago and since then this field has been a focus of active investigation. However, in recent years, the interest on optical beams has further increased, due to the availability of many types of laser sources, characterized by very different properties, as far as their polarization, coherence, spectral content, and spatial distribution are concerned. This book contains lectures presented in the 35

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