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Nota di contenuto	Preface; CONTENTS; Part I: Optoelectronic Sensors Technologies; Part II - Application Areas; 1. Fiber and Integrated Optics Sensors: Fundamentals and Applications G. C. Righini, A. G. Mignani, I. Cacciari and M. Brenchi; 2. Fiber Bragg Grating Sensors: Industrial Applications C. Ambrosino, A. Iadicicco, S. Campopiano, A. Cutolo, M. Giordano and A. Cusano; 3. Distributed Optical Fiber Sensors R. Bernini, A. Minardo and L. Zeni; 4. Lightwave Technologies for Interrogation Systems of Fiber Bragg Gratings Sensors D. Donisi, R. Beccherelli and A. d'Alessandro 5. Surface Plasmon Resonance: Applications in Sensors and Biosensors R. Rella and M. G. Manera6. Microresonators for Sensing Applications S. Berneschi, G. Nunzi Conti, S. Pelli and S. Soria; 7. Photonic Crystals: Towards a Novel Generation of Integrated Optical Devices for Chemical and Biological Detection A. Ricciardi, C. Ciminelli, M. Pisco, S. Campopiano, C. E. Campanella, E. Scivittar; 8. Micromachining Technologies for Sensor Applications P. M. Sarro, A. Irace and P. J.

French; 9. Spectroscopic Techniques for Sensors S. Pelli, A. Chiasera, M. Ferrari and G. C. Righini
10. Laser Doppler Vibrometry P. Castellini, G. M. Revel and E. P. Tomasini
11. Laser Doppler Velocimetry N. Paone, L. Scalise and E. P. Tomasini; 12. Photoacoustic Spectroscopy Using Semiconductor Lasers M. Lugar a, A. Elia and C. Di Franco; 13. Digital Holography: A non-Destructive Technique for Inspection of MEMS G. Coppola, S. Grilli, P. Ferraro, S. De Nicola and A. Finizio; 14. Infrared Detectors C. Corsi; 15. Terahertz: The Far-IR Challenge M. Dispenza, A.M. Fiorello, A. Secchi and M. Varasi; 16. Sensing by Squeezed States of Light V. D'Auria, A. Porzio and S. Solimeno
17. Fiber Optic Sensors in Structural Health Monitoring M. Giordano, J. Sharawi Nasser, M. Zarrelli, A. Cusano and A. Cutolo
18. Electro-optic and Micromachined Gyroscopes V. Annovazzi-Lodi, S. Merlo, M. Norgia, G. Spinola, B. Vigna and S. Zerbini; 19. Optical Sensors in Medicine F. Baldini; 20. Environmental and Atmospheric Monitoring by LIDAR Systems A. Palucci; 21. Laser-based In Situ Gas Sensors for Environmental Monitoring M. De Rosa, G. Gagliardi, P. Maddaloni, P. Malara, A. Rocco and P. De Natale
22. Laser Welding Process Monitoring Systems: Advanced Signal Analysis for Quality Assurance G. D'Angelo
23. Applications of Optical Sensors to the Detection of Light Scattered from Gelling Systems D. Bulone, M. Manno, P. L. San Biagio and V. Martorana; 24. Contactless Characterization for Electronic Applications L. Rossi, G. Breglio, A. Irace and A. Cutolo; Index

Sommario/riassunto

This invaluable book offers a comprehensive overview of the technologies and applications of optoelectronic sensors. Based on the R&D experience of more than 70 engineers and scientists, highly representative of the Italian academic and industrial community in this area, this book provides a broad and accurate description of the state-of-the-art optoelectronic technologies for sensing. The most innovative approaches, such as the use of photonic crystals, squeezed states of light and microresonators for sensing, are considered. Application areas range from environment to medicine and healthcare
