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Nota di contenuto	chapter 1 Mathematical Preliminaries -- chapter 2 Scalar EM Beam Propagation in Inhomogeneous Media -- chapter 3 EM Wave Propagation in Linear Media -- chapter 4 Spectral State Variable Formulation for Planar Systems -- chapter 5 Planar Diffraction Gratings -- chapter 6 Application of RCWA to Analysis of Induced Photorefractive Gratings -- chapter 7 Rigorous Coupled Wave Analysis of Inhomogeneous Cylindrical and Spherical Systems -- chapter 8 Rigorous Coupled Wave Analysis of Inhomogeneous Bipolar Cylindrical Systems -- chapter 9 Bipolar Coordinate RCWA Computational Examples and Case Studies.
Sommario/riassunto	The current rapid and complex advancement applications of electromagnetic (EM) and optical systems calls for a much needed update on the computational methods currently in use. Completely revised and reflecting ten years of developments, this second edition of the bestselling Computational Methods for Electromagnetic and Optical Systems provides the update so desperately needed in this field.