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Nota di contenuto	Intro -- Acknowledgements -- Author biography -- Ivan Moreno -- Abbreviations -- Symbols -- Chapter Introduction -- 1.1 Historical background -- 1.2 Some recent advances -- 1.2.1 Large FOV metalens -- 1.2.2 Tunable metalenses -- 1.2.3 Outdoor imaging -- 1.2.4 Metalens microscopes -- 1.2.5 Other applications -- 1.2.6 Across the electromagnetic spectrum -- 1.3 Motivations -- 1.4 Features and potential advantages of metalenses -- 1.4.1 Subwavelength wavefront control -- 1.4.2 Reduced thickness and binary structure -- 1.4.3 CMOS fabrication compatibility -- 1.4.4 Tunability -- 1.4.5 Polarization selectivity -- 1.4.6 High-numerical aperture capability -- 1.4.7 Multifunctional capability -- Bibliography -- Chapter Basics of metalens optics -- 2.1 Optics of metasurfaces -- 2.1.1 The law of refraction-reflection for metasurfaces -- 2.1.2 Derivation of the refraction law from Huygens's principle -- 2.1.3 The 3D law of refraction-reflection for metasurfaces -- 2.1.4 The 3D vector form of refraction-reflection law -- 2.2 Metalens phase profile -- 2.2.1 Derivation of the metalens phase profile from the refraction law -- 2.2.2 Phase profile derivation from geometry and the Huygens's principle -- 2.2.3 About the gradient of phase profile -- 2.2.4 From phase profile to metasurface profile -- 2.3 Relationship with the classical lens -- 2.4 Meta-atoms -- 2.5 Lens equation -- 2.6 Ray-

tracing -- Problems -- Bibliography -- Chapter Simulation tools -- 3.1 Finite-difference time-domain (FDTD) -- 3.1.1 Two-dimensional FDTD approach -- 3.1.2 Three-dimensional FDTD approach -- 3.1.3 Space and time step conditions -- 3.2 Rigorous coupled-wave analysis (RCWA) -- 3.3 Simulation softwares -- 3.4 Problems -- Bibliography -- Chapter Optics of meta-atoms -- 4.1 Principles of phase shift -- 4.2 Metallic meta-atoms -- 4.3 Dielectric meta-atoms -- 4.3.1 Propatation phase.
4.3.2 Resonant phase -- 4.3.3 Geometric phase -- 4.4 Meta-atom materials -- 4.5 Problems -- Bibliography -- Chapter Optical design of metalenses -- 5.1 Basic design process -- 5.2 Numerical aperture (NA) -- 5.3 Metalens phase profiles -- 5.4 Array of meta-atoms -- 5.4.1 Array geometries -- 5.4.2 Numerical aperture limit -- 5.4.3 Unit cell -- 5.5 Chromatic aberrations -- 5.6 Focusing efficiency -- 5.7 Problems -- Bibliography.

Sommario/riassunto

This book provides an overview of the basic optics of the metalens, providing an introduction for students, scientists and engineers. The scope of this book is to introduce the optical fundamentals and basic optical design methods of a m etalens, where light propagation can be modelled by simple, and yet useful basic optics (e.g., the refraction law of metasurfaces, the wave front propagation, the metasurface phase profile, meta-atoms, etc.).