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	Nota di contenuto	Front Cover; NONIMAGING OPTICS; Copyright Page; CONTENTS; Preface; Chapter 1. Nonimaging Optical Systems and Their Uses; 1.1 Nonimaging Collectors; 1.2 Definition of the Concentration Ratio; The Theoretical Maximum; 1.3 Uses of Concentrators; 1.4 Uses of Illuminators; References; Chapter 2. Some Basic Ideas in Geometrical Optics; 2.1 The Concepts of Geometrical Optics; 2.2 Formulation of the Ray-Tracing Procedure; 2.3 Elementary Properties of Image-Forming Optical Systems; 2.4 Aberrations in Image-Forming Optical Systems 2.5 The Effect of Aberrations In an Image-Forming System on the Concentration Ratio2.6 The Optical Path Length and Fermat's Principle; 2.7 The Generalized etendue or Lagrange Invariant and the Phase Space Concept; 2.8 The Skew Invariant; 2.9 Different Versions of the Concentration Ratio; Reference; Chapter 3. Some Designs of Image-

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Sommario/riassunto	From its inception nearly 30 years ago, the optical subdiscipline now referred to as nonimaging optics, has experienced dramatic growth. The term nonimaging optics is concerned with applications where imaging formation is not important but where effective and efficient collection, concentration, transport and distribution of light energy is - i.e. solar energy conversion, signal detection, illumination optics, measurement and testing. This book will incorporate the substantial developments of the past decade in this field.* Includes all substantial developments of the past decade in