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Nota di contenuto	UNIFIED OPTICAL SCANNING TECHNOLOGY; CONTENTS; Preface; 1 INTRODUCTION-TECHNOLOGY OVERVIEW AND UNIFYING PRINCIPLES; 1.1 Optical Scanning Characteristics and Disciplines; 1.2 Active and Passive Scanning; 1.2.1 Conjugate Image Representations; 1.2.2 Retroreflection and Double-Pass Systems; 1.3 Input, Output, and Remote Sensing Systems; 1.4 Optical and Resolution Invariants; Optical Transfer; 1.5 System Architecture; 1.5.1 Objective Lens Relationships; 2 SCANNING THEORY AND PROCESSES; 2.1 The Point Spread Function and Its Convolution; 2.1.1 PSF Developed from Uniform Illumination of an Aperture 2.1.2 PSF Developed from Aperture Illumination with a Gaussian Distibution 2.1.2 Scanning Controlled Movement of the DSE. Its
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Sommario/riassunto	Written by an award-winning leader in the field, this is a thoroughly integrated overview of the many facets and disciplines of optical scanning. Of particular utility to both practitioner and student are such features as: An overview of the technology and unifying principles, including active and passive scanning, optical transfer, and system architectureIn-depth chapters on scanning theory and processes, scanned resolution, scanner devices and techniques, and the control of scanner beam misplacemenA comprehensive review of the government-sponsored research of agile