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Nota di contenuto	Introduction -- Detectors and their noise models -- Atmospheric turbulence -- Atmospheric turbulence noise measurement experiment -- Atmospheric turbulence suppression method -- Visible light communication path loss model -- Underwater optical wireless communication channel model -- Noise model of ultraviolet optical communication -- Example of a noise model analysis.
Sommario/riassunto	The book focuses on noise models in optical-wireless communication systems. The main contents include noise classification in optical-wireless communication systems, as well as the current research progress at home and abroad, explores the noise mechanism in optical-wireless communication systems, as well as the establishment of a noise model and analysis methods to suppress the noise of optical-wireless communication systems. Combining theory with practice, systematic analysis of all kinds of noise in optical-wireless communication system, so that readers have a comprehensive understanding of the noise in optical-wireless communication system, which is an important feature of this book. The book can benefit senior college students in electronic information, communication engineering, and applied optical majors, as well as graduates, engineers, and

technical personnel, etc.