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Nota di contenuto	Introduction -- Multi aperture transmitter multi aperture receiver technology in a turbulent atmosphere -- Channel model and channel capacity -- Orthogonal space time block codes -- Layered space time coding -- Mixed space-time encoding -- Space time trellis coding -- Differential space time coding -- Unitary space time coding -- Adaptive layered space time coding -- Indoor MIMO VLC system performance analysis -- MIMO system detection algorithms.
Sommario/riassunto	This book is divided into 12 chapters, including introduction, multi-aperture transmit/receive technology in turbulent atmosphere, channel model and channel capacity, orthogonal space-time block coding, layered space-time coding, hybrid space-time coding, space-time trellis coding, differential space-time coding, unitary space-time coding, adaptive layered space-time coding, performance analysis of indoor MIMO-VLC system, and detection algorithm of MIMO technology. The key technologies of wireless optical MIMO systems are introduced, and the basic framework of space-time coding of wireless optical MIMO systems is proposed.