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Nota di contenuto	Introduction Fundamental Limitations of Networked Systems over Fading Channels Event-based H Consensus Control of Multi-agent
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stability and performance analysis for the systems considered, subject to various kinds of communication constraints, including signal-tonoise constraints, bandwidth constraints, and packet drops. Several techniques are employed to develop the controllers and filters desired, including: recursive Riccati equations; matrix decomposition; optimal estimation theory; and mathematical optimization methods. Readers will benefit from the book's new concepts, models and methodologies that have practical significance in control engineering and signal processing. Stochastic Control and Filtering over Constrained Communication Networks is a practical research reference for engineers dealing with networked control and filtering problems. It is also of interest to academics and students working in control and communication networks.