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Altri autori (Persone)	MoyalPascal <1978-> LimniosN (Nikolaos)
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Nota di contenuto	pt. 1. Discrete-time modeling -- pt. 2. Continuous-time modeling -- pt. 3. Spatial modeling.
Sommario/riassunto	This book addresses the stochastic modeling of telecommunication networks, introducing the main mathematical tools for that purpose, such as Markov processes, real and spatial point processes and stochastic recursions, and presenting a wide list of results on stability, performances and comparison of systems. The authors propose a comprehensive mathematical construction of the foundations of stochastic network theory: Markov chains, continuous time Markov chains are extensively studied using an original martingale-based approach. A complete presentation of stochastic recursions from an