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	Sommario/riassunto	This book provides a tutorial on quantum communication networks. The authors discuss current paradigm shifts in communication networks that are needed to add computing and storage to the simple transport ideas of prevailing networks. They show how these 'softwarized' solutions break new grounds to reduce latency and increase resilience. The authors discuss how even though these solutions have inherent problems due to introduced computing latency and energy consumption, the problems can be solved by hybrid classical-quantum communication networks. The book brings together quantum networking, quantum information theory, quantum computing, and quantum simulation. Provides a complete tutorial in quantum communication networks, Links together quantum networking, quantum information theory, quantum computing, and quantum simulation, Shows how the problems of computing latency and energy consumption can be addressed by hybrid classical-quantum communication networks.