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Nota di contenuto	Front Cover; Contents; Editors; Acknowledgments; Chapter 1: Introduction; Part I: Fundamental Understanding of Cooperative Communication; Chapter 2: Reliability of CooperativeTransmission; Chapter 3: Energy Consumption of CooperativeTransmission; Chapter 4: Throughput of CooperativeTransmission; Chapter 5: Delay Analysis of CooperativeTransmission; Part II: Cooperative Communication in Single-Hop Scenario; Chapter 6: Power Efficiency of CooperativeTransmission; Chapter 7: Optimal Power Allocation of CooperativeTransmission; Part III: Cooperative Communication in Multi-pair Multi-hop Scenario Chapter 8: REACT: Residual Energy-Aware CooperativeTransmissionsChapter 9: Joint Beamforming and Power Allocation; Chapter 10: Selfishness-AwareEnergy-Efficient Cooperative Networks; Chapter 11: Network Protocol Design of M2M-Based Cooperative Relaying; Chapter 12: Conclusion; Appendix; Bibliography; Back Cover
Sommario/riassunto	Compared with conventional communications, cooperative communication allows multiple users in a wireless network to coordinate their packet transmissions and share each other's resources, thus achieving high-performance gain and better service coverage and

reliability. Energy Efficient Cooperative Wireless Communication and Networks provides a comprehensive look at energy efficiency and system design of cooperative wireless communication. Introducing effective cooperative wireless communication schemes, the book supplies the understanding and methods required to improve energy efficiency, reliability.
