

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910787835103321 |
| Titolo | Energy efficient cooperative wireless communication and networks // Zhengguo Sheng and Chi Harold Liu, editors |
| Pubbl/distr/stampa | Boca Raton : , : Taylor & Francis, , 2014 |
| ISBN | 0-429-06790-9 1-4822-3822-5 |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (216 p.) |
| Classificazione | COM043000TEC061000 |
| Disciplina | 621.384 |
| Soggetti | Wireless communication systems - Energy conservation Wireless communication systems - Energy consumption Engineering economy |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| 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.
