

Cooperation In Wireless Networks

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Dedication. List of Figures. List of Tables. Contributing Authors. Foreword. Foreword. Acknowledgments. Preface.- 1. Cooperation in Nature and Wireless Communications; Frank H. P. Fitzek and Marcos Katz. 1. Basics of Cooperation. 2. The Prisoner s Dilemma. 3. The Iterated Prisoner s Dilemma. 4. N person Prisoner s Dilemma. 5. Stimulating Cooperative Behavior. 6. Cooperation in Wireless Communication Systems. 7. Cooperative Principles in Wireless Communications: The Future. 8. Conclusion. References.- 2. Cooperative Communications; Arnab Chakrabarti, Ashutosh Sabharwal and Behnaam Aazhang. 1. Introduction. 2. A Brief History of Relaying. 3. Preliminaries of Relaying. 4. Relaying : Fundamental Limits. 5. Practical Strategies for Relaying Information. 6. Conclusion. References.- 3. Cooperation, Competition and Cognition in Wireless Networks; Oh-Soon Shin, Natasha Devroye, Patrick Mitran, Hideki Ochiai, Saeed S. Ghassemzadeh, H. T. Kung and Vahid Tarokh. 1. Introduction. 2. Cooperative Diversity. 3. Cooperative Beamforming. 4. Cognitive Radio. 5. Summary and Remarks. References.- 4. Cooperation Techniques in Cross-layer Design; Shuguang Cui and Andrea J. Goldsmith. 1. Introduction. 2. Cross-layer Design. 3. Node Cooperation in Wireless Networks. 4. Node Cooperation with Cross-layer Design. 5. Design Examples. References.- 5. Network Coding in Wireless Networks; Tracey Ho, Ralf Koetter, Desmond S. Lun, Muriel Medard and Niranjan Ratnakar. 1. Introduction. 2. Model. 3. Distributed random network coding. 4. Cost minimization. 5. Further directions and results. References.- 6. Cooperative Diversity: Models, Algorithms, and Architectures; J. Nicholas Laneman. 1. Introduction. 2. Elements of Cooperative Diversity. 3. Cooperative Diversity in Existing Network Architectures. 4. Discussion and Future Directions. References.- 7. Cooperation in Ad-Hoc Networks; Petri Mhnen, Marina Petrova and Janne Riihijrvi. 1. Introduction. 2. Limits of Multihop. 3. Spectrum Cooperation. 4. Topology Aware Ad Hoc Networks. 5. Hybrid Networks and 4G. 6. Discussion and Conclusions. Acknowledgments. References. - 8. Multi-route and Multi-user Diversity in Infrastructure-based Multi-hop Networks; Keivan Navaie and Halim Yanikomeroglu. 1. Introduction. 2. Multi-route Diversity and Multi-user Diversity. 3. Cooperative Induced Multi-user Diversity Routing for Multi-hop Infrastructurebased Networks with Mobile Relays. 4. Simulation Results. 5. Conclusion. References. - 9. Cognitive Radio Architecture; Joseph

Mitola III. 1. Introduction. 2. Architecture. 3. CRA I: Functions, Components and Design Rules. 4. CRA II: The Cognition Cycle. 5. CRA III: The Inference Hierarchy. 6. CRA IV: Architecture Maps. 7. CRA V: Building the CRA on SDR Architectures. 8. Commercial CRA. 9. Future Direction. References. - 10 Stability and Security in Wireless Cooperative Networks; Konrad Wrona and Petri Mhnen. 1. Introduction. 2. Sustaining cooperation. 3. Dynamics of cooperative communication systems. 4. Conclusions and discussion. References. - 11. Power Consumption and Spectrum Usage Paradigms in Cooperative Wireless Networks; Frank H. P. Fitzek, Persefoni Kyritsi and Marcos Katz. 1. Motivation. 2. System under Investigation. 3. Time Division Multiple Access Cooperation. 4. Orthogonal Frequency Division Multiple Access Cooperation.5. Conclusion. References.- 12. Cooperative Antenna Systems; Patrick C.F. Eggers, Persefoni Kyritsi and Istvn Z. Kovcs. 1. Introducing antenna cooperation. 2. Antenna systems and algorithms : foundations and principles. 3. Channel conditions, measurements and modeling : Practical channels. 4. Radio Systems : Performance investigation. 5. General conclusions on practical antenna cooperation. References.- 13. Distributed Antennas: The Concept of Virtual Antenna Arrays; Mischa Dohler and A. Hamid Aghvami. ... EAN/ISBN : 9781402047114 Publisher(s): Springer Netherlands Discussed keywords: Drahtlose Netzwerke Format: ePub/PDF Author(s): Fitzek, Frank H. P. - Katz, Marcos D.

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