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AD HOC WIRELESS NETWORKS

Architectures and Protocols



C. Siva Ram Murthy

B. S. Manoj

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Ad Hoc and Sensor Wireless Networks: Architectures, Algorithms and Protocols Hai Liu, Yiu-Wing Leung, Xiaowen Chu, 2009-01-15 This Ebook brings together the latest developments and studies of Mobile Ad Hoc Networks MANETs and Wireless Sensor Networks WSNs which should provide a seedbed for new breakthroughs It focuses on the most representative topics in MANETs and WSNs s

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background on the basic concepts and architectures of wireless mesh networking and then presents advanced level materials in a step by step fashion **Composable Wireless Network Architectures and Protocols** Lap Kong Law,2007

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Sasan,Mobasher, Amin,Tofighbakhsh, Mostafa,2009-12-31 Fourth Generation Wireless Networks Applications and Innovations presents a comprehensive collection of recent findings in access technologies useful in the architecture of wireless networks *Network Security* Scott C.-H. Huang,David MacCallum,Ding-Zhu Du,2010-07-16 Over the past two decades network technologies have been remarkably renovated and computer networks particularly the Internet have permeated into every facet of our daily lives These changes also brought about new challenges particularly in the area of security Network security is essential to protect data integrity confidentiality access control authentication user privacy and so on All of these aspects are critical to provide fundamental network functionalities This book covers a comprehensive array of topics in network security including secure metering group key management DDoS attacks and many others It can be used as a handy reference book for researchers educators graduate students as well as professionals in the field of network security This book contains 11 refereed chapters from prominent researchers working in this area around the globe Although these selected topics could not cover every aspect they do represent the most fundamental and practical techniques This book has been made possible by the great efforts and contributions of many people First we thank the authors of each chapter for contributing informative and insightful chapters Then we thank all reviewers for their invaluable comments and suggestions that improved the quality of this book Finally we thank the staff members from Springer for publishing this work Besides we would like to dedicate this book to our families *Mobile Opportunistic Networks* Mieso K. Denko,2016-04-19 From fundamentals to advanced concepts this book provides comprehensive technical coverage of this rapidly emerging communications technology The first section focuses on modeling networking architecture and routing problems The second section examines opportunistic networking technologies and applications Supplying detailed discussions of key research challenges and open issues this comprehensive resource provides a clear understanding of industrial and professional

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