Cooperative Communications And Networking

DOWNLOAD HERE

Presents the fundamentals of cooperative communications and networking with a holistic approach to principal topics where improvements can be obtained. Presenting the fundamentals of cooperative communications and networking, this book treats the concepts of space, time, frequency diversity and MIMO, with a holistic approach to principal topics where significant improvements can be obtained. Beginning with background and MIMO systems, Part I includes a review of basic principles of wireless communications and space-time diversity and coding. Part II then presents topics on physical layer cooperative communications such as relay channels and protocols, performance bounds, multi-node cooperative and energy efficiency. Finally, Part III focuses on cooperative networking including cooperative and content-aware multiple access, distributed routing, source-channel coding, and cooperative OFDM. Including end-of-chapter review questions, this text will appeal to graduate students of electrical engineering and is an ideal textbook for advanced courses on wireless communications. It will also be of great interest to practitioners in the wireless communications industry. Presentation slides for each chapter and instructor-only solutions are available at cambridge.org/9780521895132. EAN/ISBN: 9780511460791 Publisher(s): Cambridge University Press Format: ePub/PDF Author(s): Liu, K. J. Ray - Sadek, Ahmed K. - Su, Weifeng

DOWNLOAD HERE

Similar manuals: