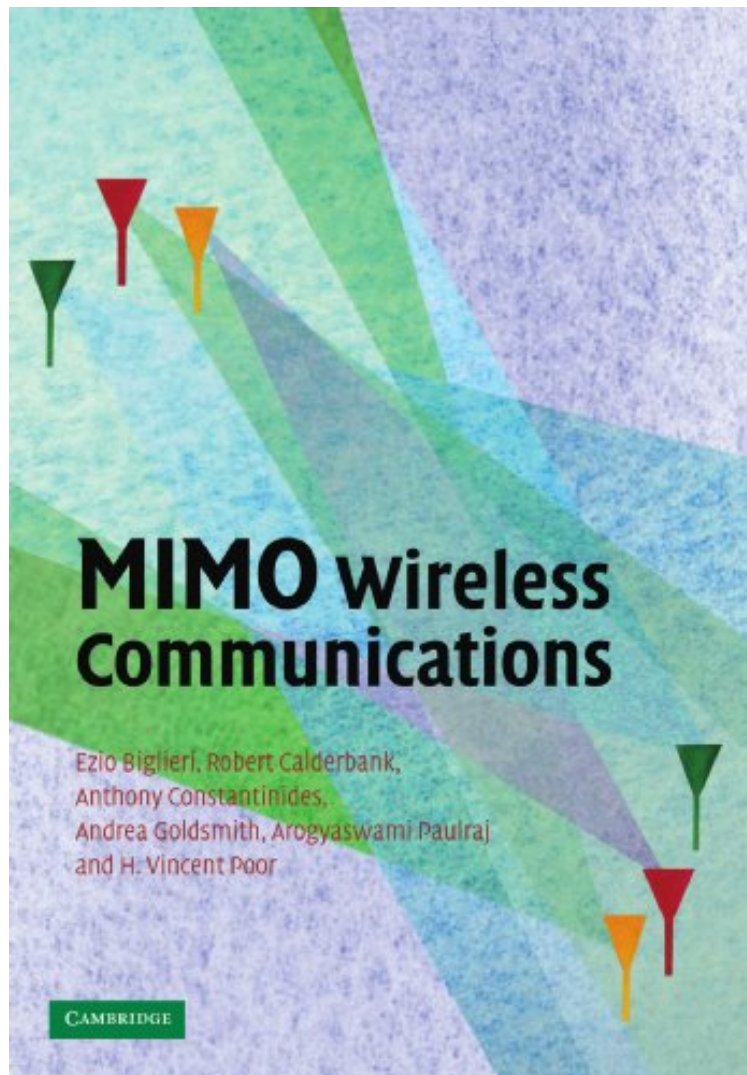


[Read and download] MIMO Wireless Communications

MIMO Wireless Communications

Ezio Biglieri, Robert Calderbank, Anthony Constantinides, Andrea Goldsmith, Arogyaswami Paulraj, H. Vincent Poor

*ebooks / Download PDF / *ePub / DOC / audiobook*



[Download](#)

[Read Online](#)

#4185096 in Books 2010-02-25 Original language: English PDF # 1 9.61 x .71 x 6.691, 1.21 #File Name: 0521137098344 pages | File size: 50.Mb

Ezio Biglieri, Robert Calderbank, Anthony Constantinides, Andrea Goldsmith, Arogyaswami Paulraj, H. Vincent Poor : MIMO Wireless Communications before purchasing it in order to gage whether or not it would be worth my time, and all praised MIMO Wireless Communications:

5 of 5 people found the following review helpful. Summary of research resultsBy IdanI don't recommend this book for people who want to learn MIMO. If you need a reference to equations and such, it is fine, but there is no real explanation of any concepts in any level of detail.

Multiple-input multiple-output (MIMO) technology constitutes a breakthrough in the design of wireless communications systems, and is already at the core of several wireless standards. Exploiting multipath scattering, MIMO techniques deliver significant performance enhancements in terms of data transmission rate and interference reduction. This book is a detailed introduction to the analysis and design of MIMO wireless systems. Beginning with an overview of MIMO technology, the authors then examine the fundamental capacity limits of MIMO systems. Transmitter design, including precoding and space-time coding, is then treated in depth, and the book closes with two chapters devoted to receiver design. Written by a team of leading experts, the book blends theoretical analysis with physical insights, and highlights a range of key design challenges. It can be used as a textbook for advanced courses on wireless communications, and will also appeal to researchers and practitioners working on MIMO wireless systems.