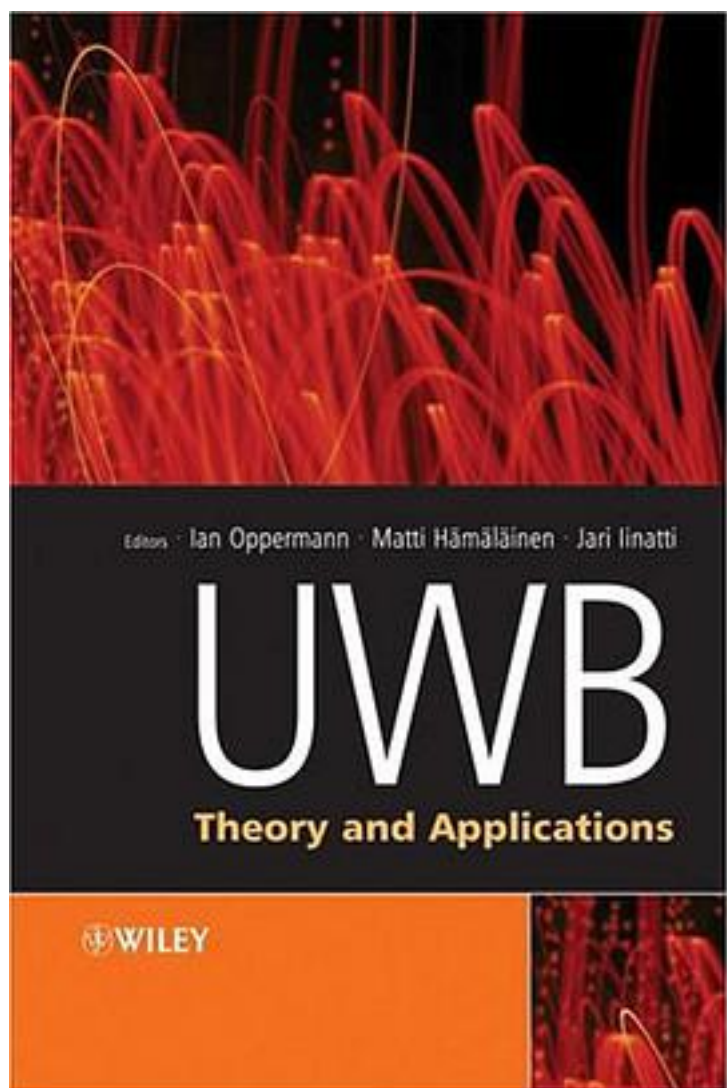


UWB



[UWB_ 下载链接1](#)

著者:Oppermann, Ian (EDT)/ Hamalainen, Matti (EDT)/ Linatti, Jari (EDT)

出版者:John Wiley & Sons Inc

出版时间:2004-10

装帧:HRD

isbn:9780470869178

Over the past 20 years UWB has been used for radar, sensing, military communications and niche applications. However, since the FCC ruling in 2002, which allowed the commercial operation of UWB for data communications, UWB has changed dramatically. Implementation oriented, this volume explores the fundamentals of UWB technology with particular emphasis on impulse radio (IR) techniques. It explains the key physical layer aspects of UWB technology, especially in communications and in control applications, and examines the multiple access (MAC) issues which are emerging as a hot area for practical UWB systems. It offers practical information about implementation. It addresses issues of modulation possibilities, appropriate circuits for UWB, an example circuit design, MAC protocol issues and use of UWB for positioning applications. It includes a literature survey examining books, articles and conference papers presenting the basic features of UWB technology and current systems. It features a patent database search providing a historical perspective to the state of the art technology UWB Theory and Applications will be indispensable to researchers interested in the practical issues of UWB technology and realistic assumptions of UWB, as well as engineers interested in implementing UWB devices.

作者介绍:

目录:

[UWB_下载链接1](#)

标签

评论

[UWB_下载链接1](#)

书评

[UWB 下载链接1](#)