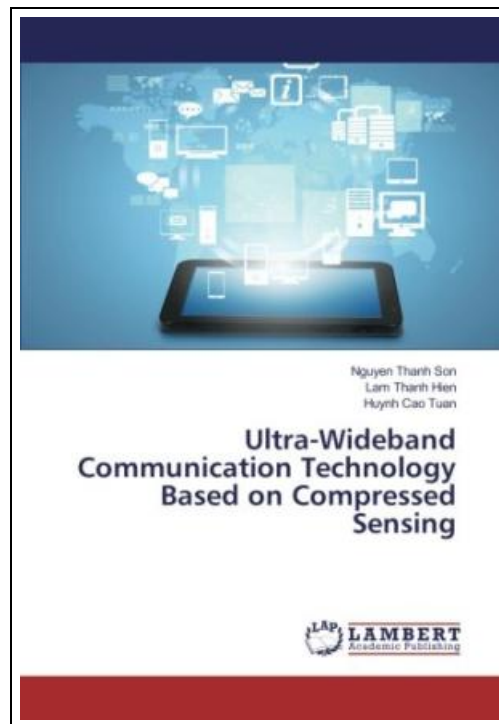


Ultra-Wideband Communication Technology Based on Compressed Sensing



Filesize: 3.03 MB

Reviews

Without doubt, this is the very best operate by any publisher. Indeed, it can be enjoy, nevertheless an amazing and interesting literature. You may like how the writer compose this pdf.

(Toni Bechtelar)

ULTRA-WIDEBAND COMMUNICATION TECHNOLOGY BASED ON COMPRESSED SENSING



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In any wireless communication system, one of the most desirable features users want is high speed data transfer. However, most of the current wireless systems are limited mainly by their respective bandwidths. Ultra-Wideband (UWB) has emerged as a promising technology for high-speed indoor short-range wireless communication systems. UWB receivers, however, also has many technical problems. As we all know, to digitize a UWB signal, a very high sampling rate is required according to Shannon-Nyquist sampling theorem, but it is difficult to implement with a single Analog-to-Digital Converter (ADC) chip. New theory emerged recently Compressed Sensing (CS) is regarded as the best solution to reducing sampling rate in receiver of UWB communication systems. Using compressed sensing, a signal can be sampled at sub-Nyquist rate leading to a reduced sampling rate and, hence, to a reduced the hardware complexity of the system. In this book, our major contribution is to exploit the new CS theory in the context of UWB communication technology. The aim of this work is to solve the bottleneck of the sampling at the receiver that is not feasible with state-of-the-art ADC technology. | Format: Paperback | Language/Sprache: english | 152 pp.



[Read Ultra-Wideband Communication Technology Based on Compressed Sensing Online](#)



[Download PDF Ultra-Wideband Communication Technology Based on Compressed Sensing](#)

Related Kindle Books



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLYHISTORYOF RELIGION. Imagine holding history in your hands. Now...

[Save Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLYHISTORYOF RELIGION. Imagine holding history in your hands. Now you...

[Save Book »](#)



Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.Klara is a little different from the other...

[Save Book »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Save Book »](#)