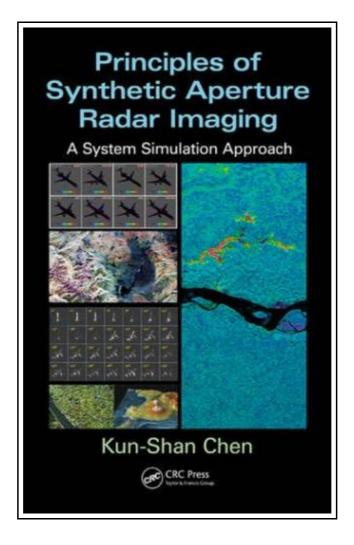
Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach (Hardback)



Filesize: 2.12 MB

Reviews

It in one of my personal favorite pdf. This really is for all those who statte there was not a really worth looking at. I realized this book from my dad and i encouraged this pdf to understand. (Katlynn Haag)

PRINCIPLES OF SYNTHETIC APERTURE RADAR IMAGING: A SYSTEM SIMULATION APPROACH (HARDBACK)



To save Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach (Hardback) eBook, remember to refer to the button listed below and save the document or have access to other information that are related to PRINCIPLES OF SYNTHETIC APERTURE RADAR IMAGING: A SYSTEM SIMULATION APPROACH (HARDBACK) ebook.

Taylor Francis Inc, United States, 2016. Hardback. Book Condition: New. 235 x 156 mm. Language: English . Brand New Book. Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach demonstrates the use of image simulation for SAR. It covers the various applications of SAR (including feature extraction, target classification, and change detection), provides a complete understanding of SAR principles, and illustrates the complete chain of a SAR operation. The book places special emphasis on a ground-based SAR, but also explains space and air-borne systems. It contains chapters on signal speckle, radar-signal models, sensor-trajectory models, SAR-image focusing, platform-motion compensation, and microwave-scattering from random media. While discussing SAR image focusing and motion compensation, it presents processing algorithms and applications that feature extraction, target classification, and change detection. It also provides samples of simulation on various scenarios, and includes simulation flowcharts and results that are detailed throughout the book. Introducing SAR imaging from a systems point of view, the author: * Considers the recent development of MIMO SAR technology * Includes selected GPU implementation * Provides a numerical analysis of system parameters (including platforms, sensor, and image focusing, and their influence) * Explores wavetarget interactions, signal transmission and reception, image formation, motion compensation * Covers all platform motion compensation and error analysis, and their impact on final image radiometric and geometric quality * Describes a ground-based SFMCW system Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach is dedicated to the use, study, and development of SAR systems. The book focuses on image formation or focusing, treats platform motion and image focusing, and is suitable for students, radar engineers, and microwave remote sensing researchers.

Read Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach (Hardback) Online

Download PDF Principles of Synthetic Aperture Radar Imaging: A System Simulation Approach (Hardback)

Other PDFs



[PDF] Mother Stories (Paperback)

Access the link under to download "Mother Stories (Paperback)" PDF document.

Download eBook »



[PDF] Music for Children with Hearing Loss: A Resource for Parents and Teachers (Paperback)

Access the link under to download "Music for Children with Hearing Loss: A Resource for Parents and Teachers (Paperback)" PDF document.

Download eBook »



[PDF] The Birds Christmas Carol (Paperback)

Access the link under to download "The Birds Christmas Carol (Paperback)" PDF document.

Download eBook »



[PDF] Mother Carey s Chickens (Paperback)

Access the link under to download "Mother Carey's Chickens (Paperback)" PDF document.

Download eBook »



[PDF] Homespun Tales (Paperback)

Access the link under to download "Homespun Tales (Paperback)" PDF document.

Download eBook »



[PDF] The Flag-Raising (Paperback)

Access the link under to download "The Flag-Raising (Paperback)" PDF document.

Download eBook »