



## Remote Sensing of Vegetation by Polarimetric Space Interferometers

By Marco Lavallo

LAP Lambert Academic Publishing Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x13 mm. This item is printed on demand - Print on Demand Neuware - Over the last few years satellite remote sensing has become a standard tool for monitoring the properties and the evolution of vegetation on Earth. This book addresses primarily the role that polarimetric and interferometric radars play in forest remote sensing. The first two chapters introduce the basics of synthetic aperture radars and microwave scattering modeling. Chapter three treats the topic of polarimetric interferometry and presents a physical model of decorrelation that occurs in forest canopies observed by a repeat-pass radar interferometer. Chapter four deals with the topic of compact polarimetric-interferometry and examines the performance of this new imaging mode in contrast to full polarimetric interferometry. Finally, chapter five discusses the quality of polarimetric radar data and the algorithms for radiometric calibration and Faraday rotation estimation. The emphasis of the book is on the modeling aspects and the design of new algorithms. The book should be especially useful to radar engineers and ecosystem scientists who consider using polarimetric and interferometric techniques for the remote sensing of the terrestrial environment. 220 pp. Englisch.



**READ ONLINE**  
[ 2.91 MB ]

### Reviews

*This publication is definitely worth buying. It can be loaded with wisdom and knowledge I am easily could possibly get a satisfaction of looking at a composed publication.*

*-- Rhiannon Steuber*

*Very helpful to all type of individuals. It really is rally interesting throug looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.*

*-- Tyshawn Brekke*

## See Also



### **And You Know You Should Be Glad**

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



### **Programming in D**

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### **Psychologisches Testverfahren**

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### **Ohio Court Rules 2012, Government of Bench Bar**

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...



### **Ohio Court Rules 2012, Practice Procedure**

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...



### **Czech Suite, Op.39 / B.93: Study Score**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Composed rapidly during April of 1879 in the wake of his success with the two serenades (Opp.22 and...