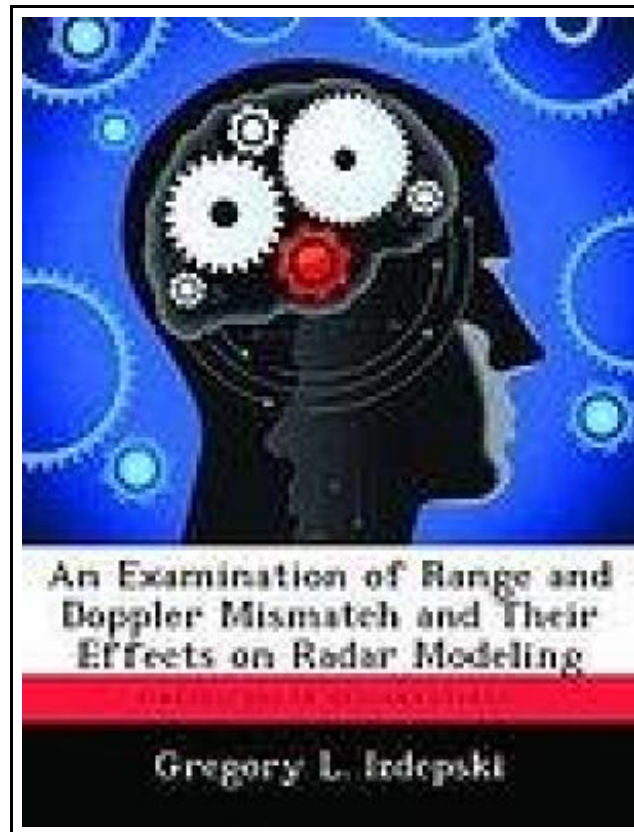


## An Examination of Range and Doppler Mismatch and Their Effects on Radar Modeling



Filesize: 5.44 MB

### ***Reviews***

*This is actually the best ebook we have read till now. Indeed, it can be enjoy, nevertheless an interesting and amazing literature. You will not feel monotony at whenever you want of the time (that's what catalogs are for regarding should you question me).  
(Jamar Stracke)*

## AN EXAMINATION OF RANGE AND DOPPLER MISMATCH AND THEIR EFFECTS ON RADAR MODELING

DOWNLOAD



Biblioscholar Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x6 mm. This item is printed on demand - Print on Demand Neuware - A commonly accepted airborne phased array radar model simplifies the analytical derivation by assuming a waveform is perfectly matched in range and Doppler shift. This assumption means the matched lter output is e ectively constant for all possible received scatterer Doppler and range mismatches, greatly simplifying the analytical development from that point forward. This research removes the matched Doppler and range assumption and examines the e ects of several common waveforms on the model's delity along with the associated impact on radar performance, both non-adaptive and adaptive. Analysis is completed using power spectral density comparisons and the fully adaptive output signal to interference plus noise ratio comparison. Results indicate that the model's delity is impacted little by the Time Frequency Auto Correlation Function. However, change in bandwidth from the compressed waveforms does impact the model. Increased bandwidth introduces more thermal noise which dominates clutter returns. Therefore, the clutter problem becomes less di cult. The trade-o is a reduction in the resolution capability of the clutter spectrum. 106 pp. Englisch.



[Read An Examination of Range and Doppler Mismatch and Their Effects on Radar Modeling Online](#)



[Download PDF An Examination of Range and Doppler Mismatch and Their Effects on Radar Modeling](#)

## Other Kindle Books

---



### **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,...

[Download ePub »](#)

---



### **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...

[Download ePub »](#)

---



### **Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird**

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to...

[Download ePub »](#)

---



### **Sport is Fun (Red B) NF**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Sport is Fun (Red B) NF, Dianne Irving, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and...

[Download ePub »](#)

---



### **The Java Tutorial (3rd Edition)**

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

[Download ePub »](#)