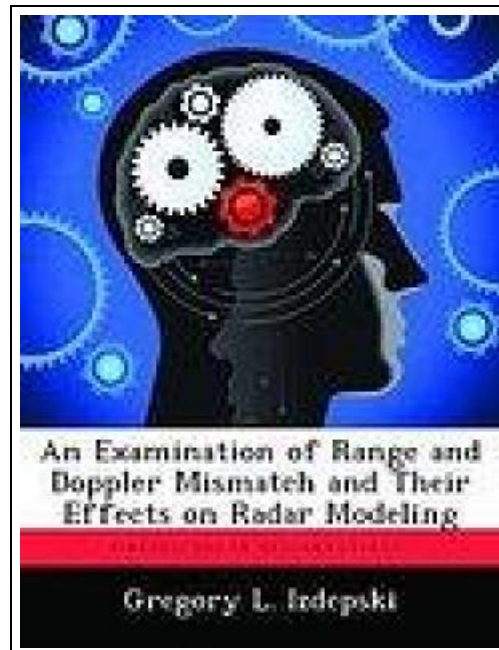


An Examination of Range and Doppler Mismatch and Their Effects on Radar Modeling



Filesize: 5.78 MB

Reviews

This pdf may be worth acquiring. It is definitely simplified but surprises inside the fifty percent of the pdf. I am pleased to let you know that this is the very best ebook we have read inside my own lifestyle and could be he finest publication for ever.
(Prof. Abe Satterfield IV)

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



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](#)

You May Also Like



The World is the Home of Love and Death

Metropolitan Books. Hardcover. Book Condition: New. 0805055134 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

[Save Document »](#)



Kidz Bop - A Rockin' Fill-In Story: Play Along with the Kidz Bop Stars - and Have a Totally Jammin' Time!

Adams Media. PAPERBACK. Book Condition: New. 144050573X.

[Save Document »](#)



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 Document »](#)



Dads Who Killed Their Kids True Stories about Dads Who Became Killers and Murdered Their Loved Ones

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****.Dads Who KillWhat would drive a father to murder his own children? The...

[Save Document »](#)



Moms Who Killed Their Kids: True Stories about Moms Who Became Killers and Murde

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****.Moms Who KillMothers are supposed to be protective and shield their children from...

[Save Document »](#)

**There Is Light in You**

Changing Minds Online, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.There is Light in You is a collection of bedtime

[Save Book »](#)

**What is Love A Kid Friendly Interpretation of 1 John 3:11, 16-18 1 Corinthians 13:1-8 13**

Teaching Christ's Children Publishing. Paperback. Book Condition: New. Daan Yahya (illustrator). Paperback. 26 pages. Dimensions: 10.0in. x 8.0in. x 0.1in.What is Love is a Bible based picture book that is designed to help children understand

[Save Book »](#)

**A Friend in Need Is a Friend Indeed: Picture Books for Early Readers and Beginner Readers**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.LIKE Publishing presents its Reader series. Based on famous proverbs, these readers teach

[Save Book »](#)

**The Three Little Pigs - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own

[Save Book »](#)

**Plentyofpickles.com**

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Interested in taking a peek into the world of internet dating? Then order

[Save Book »](#)