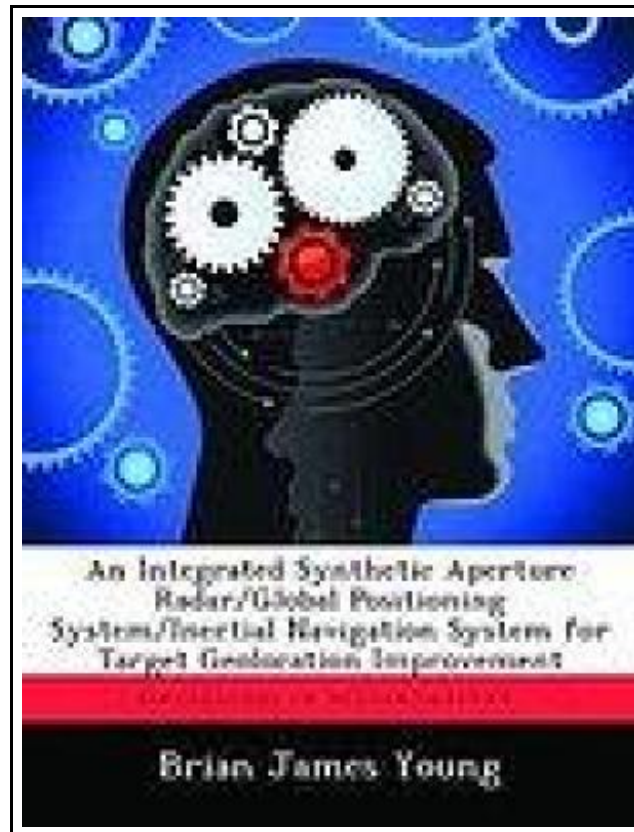


## An Integrated Synthetic Aperture Radar/Global Positioning System/Inertial Navigation System for Target Geolocation Improvement



Filesize: 8.62 MB

### ***Reviews***

*These types of book is the greatest ebook readily available. I was able to comprehended every little thing using this published e pdf. I realized this pdf from my dad and i encouraged this publication to discover.*




*(Dr. Porter Mitchell)*

## **AN INTEGRATED SYNTHETIC APERTURE RADAR/GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM FOR TARGET GEOLOCATION IMPROVEMENT**



To download **An Integrated Synthetic Aperture Radar/Global Positioning System/Inertial Navigation System for Target Geolocation Improvement** eBook, remember to follow the web link below and download the file or gain access to other information which are have conjunction with **AN INTEGRATED SYNTHETIC APERTURE RADAR/GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM FOR TARGET GEOLOCATION IMPROVEMENT** ebook.

Biblioscholar Dez 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x10 mm. This item is printed on demand - Print on Demand Neuware - A significant amount of military and civilian research has been aimed at the sensor fusion technology area. However, there has been little research into the fusion between synthetic aperture radar (SAR) sensors and navigation sensors like the inertial navigation sensor (INS) and the global positioning system (GPS). SAR is used in civilian and military applications to image ground based targets in reconnaissance and fighter targeting missions. The SAR range and range rate measurements are generally obtained and processed independently from the aircraft navigation system. This thesis explores a potential integration technique to fuse information from the navigation sensors with the SAR target measurements. Using Kalman filtering techniques, an INS/GPS/SAR integrated system was simulated in a single Kalman filter to analyze the SAR target geolocation accuracy benefits. Three different GPS receiver models were used in the integrated system: stand-alone, differential, and carrier-phase differential (using floating ambiguity resolution). Each of these GPS models were integrated with a common INS/SAR combination to determine the target geolocation accuracy improvements due only to GPS receiver type. Thesis results show that SAR targeting can be enhanced, through tight integration of an INS/GPS navigation system, without increasing the SAR resolution. 174 pp. Englisch.

-  [Read An Integrated Synthetic Aperture Radar/Global Positioning System/Inertial Navigation System for Target Geolocation Improvement Online](#)
-  [Download PDF An Integrated Synthetic Aperture Radar/Global Positioning System/Inertial Navigation System for Target Geolocation Improvement](#)
-  [Download ePUB An Integrated Synthetic Aperture Radar/Global Positioning System/Inertial Navigation System for Target Geolocation Improvement](#)

## Other Books



### [PDF] Psychologisches Testverfahren

Follow the hyperlink beneath to get "Psychologisches Testverfahren" file.

[Read Document »](#)



### [PDF] Programming in D

Follow the hyperlink beneath to get "Programming in D" file.

[Read Document »](#)



### [PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the hyperlink beneath to get "Adobe Indesign CS/Cs2 Breakthroughs" file.

[Read Document »](#)



### [PDF] The Java Tutorial (3rd Edition)

Follow the hyperlink beneath to get "The Java Tutorial (3rd Edition)" file.

[Read Document »](#)



### [PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Follow the hyperlink beneath to get "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" file.

[Read Document »](#)



### [PDF] 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 . (Paperback)

Follow the hyperlink beneath to get "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 . (Paperback)" file.

[Read Document »](#)



**[PDF] Piano Concerto, Op.33 / B.63: Study Score (Paperback)**

Click the web link under to get "Piano Concerto, Op.33 / B.63: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] A Hero s Song, Op. 111 / B. 199: Study Score (Paperback)**

Click the web link under to get "A Hero s Song, Op. 111 / B. 199: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)**

Click the web link under to get "Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)**

Click the web link under to get "Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)" PDF document.

[Save ePub »](#)



**[PDF] The Mystery on the Great Wall of China**

Click the web link under to get "The Mystery on the Great Wall of China" PDF document.

[Save ePub »](#)



**[PDF] The Noon Witch, Op. 108 / B. 196: Study Score (Paperback)**

Click the web link under to get "The Noon Witch, Op. 108 / B. 196: Study Score (Paperback)" PDF document.

[Save ePub »](#)