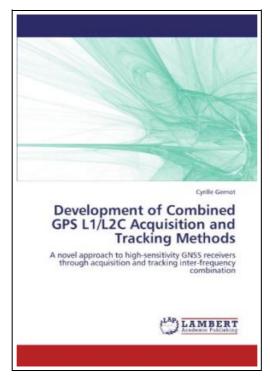
# Development of Combined GPS L1/L2C Acquisition and Tracking Methods



Filesize: 8.2 MB

# Reviews

*This ebook will not be effortless to get going on studying but very enjoyable to learn. Of course, it can be play, still an amazing and interesting literature. Your daily life period will probably be enhance once you complete looking at this book. (Mr. Osborne Homenick)* 

### DEVELOPMENT OF COMBINED GPS L1/L2C ACQUISITION AND TRACKING METHODS



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | A novel approach to high-sensitivity GNSS receivers through acquisition and tracking inter-frequency combination | Acquiring and tracking signals such as legacy GPS L1 C/A can prove challenging under adverse conditions. Increasing the processing gain by 20 dB usually requires long coherent integrations which remain limited by the 50 Hz data bits transmitted. Fortunately, the GPS has been modernized with the addition of a civil signal, namely L2C, on the L2 frequency band. In this book, acquisition and tracking methods making use of both the L1 C/A and L2C signals in a combined manner are developed and tested. Three best-performing acquisition methods are described theoretically and compared. The first method implies a non-coherent summation of L1 and L2 correlator outputs. The second method implements an independent differential summation of L1/L2 correlator outputs and the third method represents a non-coherent plus dependent differential summation. Regarding tracking sensitivity, L1 C/A and L2C code and phase discriminator outputs are combined through a Kalman filter estimating the relative delay between L1 and L2, the L2 code and phase errors, the L2 frequency error and the L2 phase acceleration error. Results are shown in terms of sensitivity compared to standard single frequency tracking. | Format: Paperback | Language/Sprache: english | 351 gr | 220x150x13 mm | 252 pp.

Read Development of Combined GPS L1/L2C Acquisition and Tracking Methods Online
Download PDF Development of Combined GPS L1/L2C Acquisition and Tracking Methods

## Other Kindle Books

PDF

Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts

Book Condition: Brand New. Book Condition: Brand New. Download Document »

PDF	

Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service... Download Document >

PDF

#### DK Readers L1: Feeding Time

DK Publishing (Dorling Kindersley). Paperback / softback. Book Condition: new. BRAND NEW, DK Readers L1: Feeding Time, Lee Davis, DK Publishing, Linda Martin, This Level 1 book is appropriate for children who are just beginning... Download Document >

PDF

#### DK Readers L1: Jobs People Do: A Day in the Life of a Firefighter

DK Publishing. Paperback / softback. Book Condition: new. BRAND NEW, DK Readers L1: Jobs People Do: A Day in the Life of a Firefighter, Linda Hayward, DK Publishing, This Level 1 book is appropriate for... Download Document »

PDF

#### DK Readers L1: Jobs People Do: A Day in the Life of a Teacher

DK Publishing (Dorling Kindersley), United States, 2001. Paperback. Book Condition: New. American.. 224 x 150 mm. Language: English . Brand New Book. This Level 1 book is appropriate for children who are just beginning to... Download Document »

Cinderella: The Real Story: Red (KS2) A/5c Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Cinderella: The Real Story: Red (KS2) A/5c, Jan Burchett, Sara Vogler, This title is part of Bug Club, the first whole-school reading programme to combine books Read PDF »
Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841 2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, Read PDF »
Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide Read PDF »
Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now Read PDF »
The Golden Spinning Wheel, Op. 109 / B. 197: Study Score Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 579 x 401 mm. Language: English . Brand New Book ***** Print on Demand *****.The composer worked on this symphonic poem from January to April

Read PDF »