



Algorithms of High Accuracy Position Estimation

By Mohammad Shaifur Rahman

LAP Lambert Academic Publishing Dez 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - Position-aware applications such as navigation tools for humans and robots, interactive virtual games, resource discovery, asset tracking, position-aware sensor networking etc. require precise positioning. These indoor applications require better accuracy than what current outdoor positioning systems provide. This book presents some new algorithms for position estimation in RFID, WSN and VLC technologies. We design some RSS positioning algorithms for RFID and WSN using flexible models. Using the time difference of arrival (TDOA) and RSS measurement functionally of a commercially available RFID system, a position finding algorithm is presented where the position is estimated in two steps. As a practical application of this system, an automatic parking management system is described in this book. For positioning in WSN, RSS based algorithms with flexible model of multi-layer parceptron and generalized regression neural networks are proposed. This book also demonstrates a robust, high accuracy positioning algorithm using VLC and image sensors for precisely locating movable objects, like autonomous robot inside the building. 128 pp. Englisch.



Reviews

Excellent electronic book and valuable one. Better then never, though i am quite late in start reading this one. I am very easily can get a delight of studying a written book.

-- Anastacio Kreiger DDS

This ebook is amazing. It typically will not price excessive. I discovered this pdf from my dad and i recommended this publication to learn.

-- Rhoda Leffler

See Also



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,...



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...



Instrumentation and Control Systems

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and control systems, including examples of the latest...



The Monster Next Door - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Monster Next Door-Read it Yourself with Ladybird: Level 2, The Monster Next Door, George wants to be a monster, just like his neighbour Green. Green wants be normal, just like...



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...