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(WLANs); 1.2.3.3 Positioning in Radio Frequency Identification (RFID); 1.2.3.4 Positioning in WSNs; 1.2.3.5 The Ultra-Wide Band (UWB) Technology; 1.3 Application of Signal Processing Techniques to Positioning and Navigation Problems
1.3.1 Parametric Statistical Techniques
1.3.1.1 Bayesian Estimators;
1.3.1.2 Maximum Likelihood Estimator; 1.3.2 Nonparametric Statistical Techniques; 1.3.2.1 Least Squares (LS) Estimator; 1.3.3 Nongeometric Techniques; 1.3.4 Advanced Signal Processing Tools; 1.3.4.1 Bayesian Filtering; 1.3.4.2 Belief Propagation; References; Chapter 2. Satellite-Based Navigation Systems; 2.1 Global Navigation Satellite Systems (GNSSs); 2.1.1 Global Positioning System (GPS); 2.1.1.1 GPS L1; 2.1.1.2 GPS L2; 2.1.1.3 GPS L5 and Modernized GPS; 2.1.2 Galileo; 2.1.2.1 Galileo E1; 2.1.2.2 Galileo E6
2.1.2.3 Galileo E5
2.1.3 GLONASS; 2.1.3.1 System Characteristics; GLONASS Ground Segment; GLONASS Space Segment; 2.1.3.2 GLONASS Navigation Signals; 2.1.4 Compass/BeiDou and Regional GNSSs; 2.2 GNSS Receivers; 2.2.1 Overall Architecture; 2.2.2 Signal Acquisition; 2.2.3 Signal Tracking; 2.2.3.1 Carrier-Tracking Loops: the PLL and the FLL; 2.2.3.2 Code Delay Tracking: the DLL; 2.2.4 Navigation Processing; 2.2.4.1 GPS Time Scale; 2.2.4.2 Absolute or Relative Pseudorange Measurements; 2.2.5 Pseudorange Error Sources; 2.3 Augmentation Systems and Assisted GNSS; 2.3.1 Differential GPS
2.3.2 Satellite-Based Augmentation Systems
2.3.3 Pseudolites for GNSS;
2.3.4 Network RTK; 2.3.5 Assisted GNSS; 2.3.5.1 The Assistance Message; 2.3.5.2 Assisted GNSS Standards in LTE Networks; References; Chapter 3. Terrestrial Network-Based Positioning and Navigation; 3.1 Fundamentals on Positioning and Navigation Techniques in Terrestrial Networks; 3.1.1 Position-Related Signal Parameter Estimation; 3.1.1.1 Received Signal Strength Methods; 3.1.1.2 Time-of-Arrival Methods; 3.1.1.3 Time-Difference-of-Arrival Methods; 3.1.1.4 Angle-of-Arrival Methods; 3.1.2 Position Estimation Techniques
3.1.2.1 Geometric Positioning Techniques

Sommario/riassunto

* The first book to combine satellite and terrestrial positioning techniques - vital for the understanding and development of new technologies * Written and edited by leading experts in the field, with contributors belonging to the European Commission's FP7 Network of Excellence NEWCOM++ Applications to a wide range of fields, including sensor networks, emergency services, military use, location-based billing, location-based advertising, intelligent transportation, and leisure Location-aware personal devices and location-based services have become ever more prominent in the pa

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Soggetti	Banks and banking - Periodicals Banks and banking - Periodicals - Abstracts - Translations into English Services financiers Abstracts. Periodicals.
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Sommario/riassunto	World Banking Abstracts provides access to all the important articles published internationally in over 400 banking and finance publications. Each issue of the journal contains concise, 75-word abstracts of published information in all areas of finance, classified by subject and fully indexed. The abstracts are drawn from journals, magazines, and hard-to-find research reports such as those from the US Federal Reserve Banks, the EC research institutes and universities throughout the world. Key topics covered include: Financial institutions Insurance and pensions Financial instruments and markets, Financial operations and services, Management, accounting and technology, Policy, law and regulation, International and national economies, Principles and methods.