Shusen Tan

DESCRIPTION

Comprehensive guide to the fundamentals and advanced engineering of the Beidou satellite system

- The first book specifically describing the Chinese Beidou timing/navigation system – an increasingly important contributor to the GNSS
- Introducing the ‘user location information sharing’ demands, technologies and development trends
- Highlights the technical features and broad application prospects of navigation, positioning and short message communication of the Beidou satellite system
- Enhances understanding of the fundamentals and theories of radio navigation and positioning satellite systems
- Offers guidelines as to how to implement their design and construction
- A comprehensive reference on the subject for those who are doing scientific or engineering research in this area

ABOUT THE AUTHOR

Shusen Tan, Senior Engineer, Beijing Satellite Navigation Center, Beijing, China. Tan has been working in this area for over 20 years and his areas of expertise include the Construction and Application of China Beidou Radio Navigation and Positioning
Satellite System, and Construction and Application of Global Navigation Satellite System (GNSS). In 2010 he was awarded with the Significant Contributions Person Award in Promoting the Development of China Satellite Navigation and Positioning Industry from Global Positioning System Applications Society. He is the Editor of three books (in Chinese) and author of 50 peer-reviewed journal and transaction full papers.

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