Record Nr. UNINA9910438045203321 China Satellite Navigation Conference (CSNC) 2013 proceedings: **Titolo** BeiDou/GNSS navigation applications, test & assessment technology. user terminal technology // Jiadong Sun ... [et al.], editors. Berlin; New York, : Springer, c2013 Pubbl/distr/stampa **ISBN** 3-642-37398-4 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (745 p.) Lecture notes in electrical engineering; vol. 243 Collana Altri autori (Persone) SunJiadong <1929-> Disciplina 629.1 Soggetti Artificial satellites in navigation - China Navigation - China Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Nota di contenuto BeiDou/GNSS Navigation Applications -- Satellite Navigation Signal System, Compatibility & Interoperability -- Precise Orbit Determination and Positioning -- Atomic Clock Technique and Time-Frequency System -- Satellite Navigation Augmentation and Integrity Monitoring -- BeiDou/GNSS Test and Evaluation Technology -- BeiDou/GNSS User Terminal Technology -- Satellite Navigation Models and Methods --Integrated Navigation and New Methods. Sommario/riassunto China Satellite Navigation Conference (CSNC) 2013 Proceedings presents selected research papers from CSNC2013, held on 15-17 May in Wuhan, China. The theme of CSNC2013 is: BeiDou Application: Opportunities and Challenges. These papers discuss the technologies and applications of the Global Navigation Satellite System (GNSS), and the latest progress made in the China BeiDou system especially. They are divided into 9 topics to match the corresponding sessions in CSNC2013, which broadly covered key topics in GNSS. Readers can learn about the BeiDou system and keep abreast of the latest advances in GNSS techniques and applications. SUN Jiadong is the Chief Designer of the Compass/BeiDou system, and the Academician of Chinese Academy of Sciences (CAS); JIAO Wenhai is a researcher at China Satellite Navigation Office; WU Haitao is a professor at Navigation Headquarters, CAS; SHI Chuang is a professor at Wuhan University.