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Titolo	Next-Generation GNSS Signal Design : Theories, Principles and Technologies // by Zheng Yao, Mingquan Lu
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Descrizione fisica	1 online resource (XXIV, 310 p. 110 illus., 76 illus. in color.)
Collana	Navigation: Science and Technology, , 2522-0454 ; ; 6
Disciplina	910.285
Soggetti	Aerospace engineering Astronautics Signal processing Image processing Speech processing systems Electrical engineering Aerospace Technology and Astronautics Signal, Image and Speech Processing Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Satellite navigation signals -- Basic properties of DSSS signals -- Spreading modulations in satellite navigation -- Performances of spreading modulations -- Fundamental of constant envelope multiplexing -- Implementation of constant envelope multiplexing.
Sommario/riassunto	This book systematically discusses the signal design theory and technologies for next-generation satellite navigation systems. It provides comprehensive information on the basic concept, theory, and key technologies employed in satellite navigation system signal design. Starting from the basic elements of the navigation signal, it combines traditional and advanced technologies into an organic whole, offering readers a complete system for signal design. Thanks to its rich content and clear structure, it is well suited as a reference guide for researchers and engineers in the fields of satellite navigation, positioning, etc. The book can also be used as teaching material or supplemental reading

material by professors and graduate students alike. .

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