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Titolo	Digital spectral analysis [[electronic resource]] : parametric, non-parametric and advanced methods / / edited by Francis Castanie
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Descrizione fisica	1 online resource (401 p.)
Collana	Digital signal and image processing series
Altri autori (Persone)	CastanieFrancis
Disciplina	621.382/2
Soggetti	Spectral theory (Mathematics) Signal processing - Digital techniques - Mathematics Spectrum analysis
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Tools and spectral analysis -- pt. 2. Non-parametric methods -- pt. 3. Parametric methods -- pt. 4. Advanced concepts.
Sommario/riassunto	Digital Spectral Analysis provides a single source that offers complete coverage of the spectral analysis domain. This self-contained work includes details on advanced topics that are usually presented in scattered sources throughout the literature. The theoretical principles necessary for the understanding of spectral analysis are discussed in the first four chapters: fundamentals, digital signal processing, estimation in spectral analysis, and time-series models. An entire chapter is devoted to the non-parametric methods most widely used in industry. High resolution methods a