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Autore	Senani Raj
Titolo	Sinusoidal Oscillators and Waveform Generators using Modern Electronic Circuit Building Blocks / / by Raj Senani, D. R. Bhaskar, V. K. Singh, R. K. Sharma
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ISBN	3-319-23712-8
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (637 p.)
Disciplina	620
Soggetti	Electronic circuits Signal processing Image processing Speech processing systems Circuits and Systems Electronic Circuits and Devices Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	From the Contents: Introduction -- Op-amp oscillators and waveform generators -- Electronically-Controllable OTA-C oscillators and waveform generators -- Oscillator and waveform generators using Current conveyors.
Sommario/riassunto	This book serves as a single-source reference to sinusoidal oscillators and waveform generators, using classical as well as a variety of modern electronic circuit building blocks. It provides a state-of-the-art review of a large variety of sinusoidal oscillators and waveform generators and includes a catalogue of over 600 configurations of oscillators and waveform generators, describing their relevant design details and salient performance features/limitations. The authors discuss a number of interesting, open research problems and include a comprehensive collection of over 1500 references on oscillators and non-sinusoidal waveform generators/relaxation oscillators. Offers readers a single-

source reference to everything connected to sinusoidal oscillators and waveform generators, using classical as well as modern electronic circuit building blocks; Provides a state-of-the-art review of a large variety of sinusoidal oscillators and waveform generators; Includes a catalog of over 600 configurations of oscillators and waveform generators, with their relevant design details and their salient performance features/limitations.