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Autore	Pan George W. <1944->
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Descrizione fisica	1 online resource (554 p.)
Collana	Wiley series in microwave and optical engineering
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Soggetti	Integrated circuits - Mathematical models Wavelets (Mathematics) Electromagnetism - Mathematical models Electromagnetic theory
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface. -- Notations and Mathematical Preliminaries. -- Intuitive Introduction to Wavelets. -- Basic Orthogonal Wavelet Theory. -- Wavelets in Boundary Integral Equations. -- Sampling Biorthogonal Time Domain Method (SBTD). -- Canonical Multiwavelets. -- Wavelets in Scattering and Radiation. -- Wavelets in Rough Surface Scattering. -- Wavelets in Packaging, Interconnects, and EMC. -- Wavelets in Nonlinear Semiconductor Devices. -- Index.
Sommario/riassunto	. The first book on the subject.. Written by an acknowledged expert in the field.. The techniques discussed have important applications to wireless engineering.. An Instructor's Manual presenting detailed solutions to all the problems in the book is available from the Wiley editorial department.