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Nota di bibliografia	Includes bibliographical references (p. 435-436) and index.
Nota di contenuto	Introduction -- Linear power amplifier design -- Conventional high efficiency amplifier modes -- Class AB PAs at GHz frequencies -- Practical design of linear RF power amplifiers -- Overdriven PAs and the Class F mode -- Switching mode amplifiers for RF applications -- Switching PA modes at GHz frequencies -- Nonlinear effects in RF power amplifiers -- Efficiency enhancement techniques -- Power amplifier bias circuit design -- Load-pull techniques -- Power amplifier architecture -- Power amplifier linearization techniques.
Sommario/riassunto	Reviewing the previous edition, IEEE Microwave Magazine boasted, "anyone designing power amplifiers will find this book thought provoking and useful." Professionals in the field agreed as the book went on to be one of our top-selling RF design titles. This extensively revised edition of RF Power Amplifiers for Wireless Communications offers practitioners a comprehensive, practical, and up-to-date understanding of how to tackle a PA (power amplifier) design with confidence and quickly determine the cause of malfunctioning hardware. Among the numerous updates, the Second Edition includes five.