

1. Record Nr.	UNINA9910131596803321
Autore	Gill Louis
Titolo	Michaelle Jean et le poste de gouverneur général : une question qui interpelle tous les républicains au Canada / / Louis Gill
Pubbl/distr/stampa	Chicoutimi : , : J.-M. Tremblay, , 2006
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Descrizione fisica	1 online resource
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Disciplina	971
Soggetti	Canada History
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2. Record Nr.	UNINA9910299482603321
Autore	Sobot Robert
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Nota di contenuto

Introduction -- Problems -- Basic Terminology -- Electrical Noise -- Electronic Devices -- Electrical Resonance -- Matching Networks -- RF and IF Amplifiers -- Sinusoidal Oscillators -- Frequency Shifting -- Modulation -- Signal Demodulation -- RF Receivers.

Sommario/riassunto

This book is intended for senior undergraduate and graduate students as well as practicing engineers who are involved in design and analysis of radio frequency (RF) circuits. Fully-solved, tutorial-like examples are used to put into practice all major topics required to understand the principles underlying the main sub-circuits required to design an RF transceiver and the whole communication system. Starting with review of principles in electromagnetic (EM) transmission and signal propagation, through detailed practical analysis of RF amplifier, mixer, modulator, demodulator, and oscillator circuit topologies, all the way to the system communication theory behind the RF transceiver operation, this book systematically covers all relevant aspects in a way that is suitable for a single semester university level course. Readers will benefit from the author's sharp focus on radio receiver design, demonstrated through hundreds of fully-solved, realistic examples, as opposed to texts that cover many aspects of electronics and electromagnetic without making the required connection to wireless communication circuit design. • Offers readers a complete, self-sufficient tutorial style textbook; • Includes all relevant topics required to study and design an RF receiver in a consistent, coherent way with appropriate depth for a one-semester course; • Uses hundreds of fully-solved, realistic examples of radio design technology to demonstrate concepts; • Explains necessary physical/mathematical concepts and their interrelationship. .