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| 1. | Record Nr. | UNINA9910131596803321 |
| | Autore | Gill Louis |
| | Titolo | Michaelle Jean et le poste de gouverneur general : une question qui interpelle tous les republicains au Canada / / Louis Gill |
| | Pubbl/distr/stampa | Chicoutimi : , : J.-M. Tremblay, , 2006 |
| | ISBN | 1-55441-947-6 |
| | Descrizione fisica | 1 online resource |
| | Collana | Classiques des sciences sociales |
| | Disciplina | 971 |
| | Soggetti | Canada History |
| | Lingua di pubblicazione | Francese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| 2. | Record Nr. | UNINA9910299482603321 |
| | Autore | Sobot Robert |
| | Titolo | Wireless Communication Electronics by Example / / by Robert Sobot |
| | Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014 |
| | ISBN | 3-319-02871-5 |
| | Edizione | [1st ed. 2014.] |
| | Descrizione fisica | 1 online resource (XIV, 292 p. 158 illus., 89 illus. in color.) |
| | Disciplina | 621.38412 |
| | Soggetti | Electronic circuits Electrical engineering Microprocessors Circuits and Systems Communications Engineering, Networks Processor Architectures |
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| | Livello bibliografico | Monografia |
| | Note generali | Bibliographic Level Mode of Issuance: Monograph |

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. .
