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Nota di contenuto	Introduction -- Radio Frequency(RF) Amplifier Design Fundamentals -- Design Rules and Analysis -- RF Amplifier Design Examples and Performance Optimization with SPICE and Load Source Pull Schemes -- Conclusion.
Sommario/riassunto	This book explains and demonstrates with an exhaustive set of design examples, how common types of radio frequency(RF) amplifiers (classes A, B, AB, C, D, E, F, G and H) can be designed, and then have their performance characteristics evaluated and optimized with SPICE. The author demonstrates the transient analysis features of SPICE, along with industry-standard load- and source-pull techniques to simulate the steady-state, long-term time-domain behavior of any test RF amplifier.