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Sommario/riassunto	The second of two authoritative, highly practical volumes, this hands-on resource covers active and nonlinear circuits, and introduces advanced topics in RF circuit and system design. The book opens with an overview of active RF devices and their modeling. It explores nonlinear circuit simulation techniques such as harmonic balance, and extensively illustrates the use of CAD tools in active circuit design throughout. This is a tested and insightful book that contains answers to most of the questions practical engineers are asking. In this thoroughly practical second volume, you learn the theory behind linear and low-noise RF amplifiers, high power RF transistor amplifiers, oscillators, mixers, and frequency multipliers, so you gain an intuitive understanding of their operation. The final chapter presents the design of a radio chip set and pulls together the component aspects that are

covered earlier in the book. This essential reference is lavishly illustrated with explanation of practical issues and supported with clear examples. This text is guaranteed to provide even the most experienced RF designer with fresh, intuitive insight into circuit operation, and will be as useful at universities as a course text on practical RF circuit design, as it will in industry as a training refresher.