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Sommario/riassunto	The definitive text on microwave ring circuits-now better than ever For the past three decades, the ring resonator has been widely used in such applications as measurements, filters, oscillators, mixers, couplers, power dividers/combiners, antennas, and frequency-selective surfaces, to name just a few. The field has continued to expand, with many new analyses, models, and applications recently reported. Microwave Ring Circuits and Related Structures has long been the only text fully dedicated to the treatment of ring resonators. The second edition has been thoroughly revised to reflect the most current developments in the field.; In addition to updating all the original material, the authors have added extensive new coverage on: A universal model for both rectangular and circular ring configurations Applications of ring structures for all types of planar circuits A new transmission line

analysis An abundance of new applications in bandpass and bandstop filters, couplers, oscillators, and antennas While retaining all the features that made the original text so useful to both students and teachers in the field, the second edition seeks to introduce the analysis and models of ring resonators and to apply them to both the old and the new applications, including microstrip, slotline, coplanar waveguide, and waveguide transmission lines. Based on dissertations and papers published by graduate students, scholars, and research associates at A&M University, Microwave Ring Circuits and Related Structures, Second Edition is sure to be a valuable addition to both engineering classrooms and research libraries in the field.