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Sommario/riassunto	The field of microring resonator research has seen tremendous growth over the past decade, with microring resonators now becoming a ubiquitous element in integrated photonics technology. This book fills the need for a cohesive and comprehensive treatment of the subject, given its importance and the proliferation of new research in the field. The expert author has as an introductory guide for beginners as well as a reference source for more experienced researchers. This book aims to fulfill this need by providing a concise and detailed treatment of the fundamental concepts and theories that underpin the various applications. To appeal to as wide a readership as possible, major areas

of applications of microring resonators will also be covered in depth.
