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Sommario/riassunto	This book provides an overview of both experimental and commercial real-time database systems (RTDBs) and a systematic approach to understanding, designing, and implementing them. To this end, the book is composed of four chapters: Chapter 1 “An Overview of Real-Time Database Systems” delves into the realm of RTDBs and discusses the specific requirements, transaction models, and scheduling algorithms that set RTDBs apart from conventional DBMs. Chapter 2 on “Experimental Real-Time Databases” presents various experimental RTDBs developed in academia with their architectures, features, and implementations, while chapter 3 on “Commercial Real-Time Databases” does so for systems developed and offered by commercial vendors as products or services. Eventually, chapter 4 on “Applications of Real-Time Database Systems” showcases various applications of RTDBs across different domains. This book will help researchers,

graduate students and advanced professionals to get an overview of the area and to understand the main challenges and systems available.