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	Nota di contenuto	Chapter 1: Proposal of a Middleware to Support Development of IoT Firmware Analysis Tools Chapter 2: Feature-Based Cloud Provisioning for Rehosting Chapter 3: Pattern to Improve Reusability of Numerical Simulation Chapter 4: SpiderTailed: A Tool for Detecting Presentation Failures Using Screenshots and DOM Extraction.
	Sommario/riassunto	This book contains extended versions of the works and new research results presented at the 14th International Joint Conference on Knowledge-based Software Engineering (JCKBSE2022). JCKBSE2022 was originally planned to take place in Larnaca, Cyprus. Unfortunately, the COVID-19 pandemic forced it to be rescheduled as an online conference. JCKBSE is a well-established international biennial conference that focuses on the applications of Artificial Intelligence on Software Engineering. The 14th International Joint Conference on Knowledge-based Software Engineering (JCKBSE2022) was organized by the Department of Informatics of the University of Piraeus, Greece. This book is a valuable resource for experts and researchers in the field of (knowledge-based) software engineering. It is also valuable to general readers in the fields of artificial and computational intelligence and, more generally, computer science, wishing to learn more about the exciting field of (knowledge-based) software engineering and its applications. An extensive list of bibliographic references at the end of

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each chapter helps readers to probe deeper into the application areas of interest to them.