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	Nota di contenuto	Front Cover; Real-Time UML Workshop for Embedded Systems; Copyright Page; Contents; Preface; Audience; Goals; Where to Go After the Book; Evaluate UML on ARM; Acknowledgments; About the Author; What's on the CD-ROM?; Chapter 1. Introduction; Basic Modeling Concepts of the UML; Structural Elements and Diagrams; Behavioral Elements and Diagrams; Use Case and Requirements Models; Summary; Check Out the CD-ROM; Chapter 2. The Harmony Process; Introduction; The Harmony Development Process; Summary; Chapter 3. Specifying Requirements; Overview
		Problem 3.1 Identifying Kinds of Requirements for Roadrunner Traffic Light Control SystemProblem 3.2 Identifying Use Cases for the Roadrunner Traffic Light Control System; Problem 3.3 Mapping Requirements to Use Cases; Problem 3.4 Identifying Use Cases for the Coyote UAV System; Problem 3.5 Identifying Parametric Requirements; Problem 3.6 Capturing Quality of Service Requirements in Use Cases; Problem 3.7 Operational View: Identifying Traffic Light Scenarios; Problem 3.8 Operational View: CUAVS Optical Surveillance Scenarios; Problem 3.9 Specification View: Use-Case Description
		Specification View: State Machines for Requirements CaptureProblem

Sommario/riassunto	This practical new book provides much-needed, practical, hands-on experience capturing analysis and design in UML. It holds the hands of engineers making the difficult leap from developing in C to the higher-level and more robust Unified Modeling Language, thereby supporting professional development for engineers looking to broaden their skill-sets in order to become more saleable in the job market. It provides a laboratory environment through a series of progressively more complex exercises that act as building blocks, illustrating the various aspects of UML and its application to re