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Software Test and Integration Plan; 2.1.13 System Functional Requirements Documents; 2.1.14 System Functional Design Documents; 2.1.15 System Software Requirements Documents 1 and 2; 2.1.16 System Software Design Documents; 2.1.17 System Detailed Design Documents; 2.1.18 System Software Specifications Documents; 2.1.19 System Software Interface Specifications Documents; 2.1.20 System Software Test and Integration Plans; 2.2 System Development and Integration Testing; 2.2.1 System Development and Debugging 2.2.2 System Testing 2.2.3 Systems Integration Testing; 2.2.4 Project Integration Testing; 2.2.5 Project Final Acceptance Testing; 2.2.6 Project Delivery; 2.2.7 Project Operation and Maintenance Phase; 2.3 Phase I: The Idea; 2.3.1 Organizational Case Study: The Voyager Project; 2.3.2 JPL-STD-D-4000 Case Study: The TOPEX Project; 2.4 Making Rational Judgments; 2.5 Phase II: The Concept; 2.6 Using JPL-STD-D-4000 for System Requirements; CHAPTER 3: The Architecture of the Will System; 3.1 The Search for Truth; 3.1.1 Philosophical Background; 3.2 The Nature of the Will; 3.3 Das Ding an Sich 3.4 The Will as a System 3.5 The Architecture of the Will System; 3.6 The Interfaces of the Will System; 3.7 The Subsystems of the Will System; 3.7.1 The Survival Subsystem; 3.7.2 The Propagation Subsystem; 3.7.3 The Dominance Subsystem; 3.7.4 The Science Data Conversion Subsystem; 3.7.5 The Craving Subsystem; 3.7.6 The Search for Truth Subsystem; 3.7.7 The Mission Subsystem; 3.7.8 The Repair Subsystem; CHAPTER 4: The Architecture of the Reason System; 4.1 The Reason and Ethics; 4.2 The Nature of the Reason; 4.3 The Reason as a System; 4.4 The Architecture of the Reason System 4.5 The External Interfaces of the Reason

Sommario/riassunto

"This book describes--in modern computer science terms--the Level II architecture of the meaning and definition of the process referred to as "thinking." It applies the basis of early cognitive science research to the creation of autonomous system architectures--connecting philosophical findings of the past with cutting-edge progress in artificial intelligence. Providing an in-depth introduction to the classical, philosophical theories of cognitive scientists like Immanuel Kant, Arthur Schopenhauer, and G.W.F. Hegel, the book examines the Will System, Reason System, Imagination System, and the Communication System"--
