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Soggetti	Systems engineering Product life cycle Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	3.2.2 Decision Gates3.3 Life Cycle Stages; 3.3.1 Concept Stage; 3.3.2 Development Stage; 3.3.3 Production Stage; 3.3.4 Utilization Stage; 3.3.5 Support Stage; 3.3.6 Retirement Stage; 3.4 Life Cycle Approaches; 3.4.1 Iteration and Recursion; 3.4.2 Sequential Methods; 3.4.3 Incremental and Iterative Methods; 3.5 What Is Best for Your Organization, Project, or Team?; 3.6 Introduction to Case Studies; 3.6.1 Case 1: Radiation Therapy-The Therac-25; 3.6.2 Case 2: Joining Two Countries-The Øresund Bridge; 3.6.3 Case 3: Prototype System-The Superhigh-Speed Train in China 3.6.4 Case 4: Cybersecurity Considerations in Systems Engineering-The Stuxnet Attack on a Cyber-Physical System3.6.5 Case 5: Design for Maintainability-Incubators; Chapter 4 Technical Processes; 4.1 Business or Mission Analysis Process; 4.1.1 Overview; 4.1.2 Elaboration; 4.2 Stakeholder Needs and Requirements Definition Process; 4.2.1 Overview; 4.2.2 Elaboration; 4.3 System Requirements Definition Process; 4.3.1 Overview; 4.3.2 Elaboration; 4.4 Architecture Definition

Process; 4.4.1 Overview; 4.4.2 Elaboration; 4.5 Design Definition Process; 4.5.1 Overview; 4.5.2 Elaboration 4.6 System Analysis Process 4.6.1 Overview; 4.6.2 Elaboration; 4.7 Implementation Process; 4.7.1 Overview; 4.7.2 Elaboration; 4.8 Integration Process; 4.8.1 Overview; 4.8.2 Elaboration; 4.9 Verification Process; 4.9.1 Overview; 4.9.2 Elaboration; 4.10 Transition Process; 4.10.1 Overview; 4.11 Validation Process; 4.11.1 Overview; 4.11.2 Elaboration; 4.12 Operation Process; 4.12.1 Overview; 4.12.2 Elaboration; 4.13 Maintenance Process; 4.13.1 Overview; 4.13.2 Elaboration; 4.14 Disposal Process; 4.14.1 Overview; Chapter 5 Technical Management Processes; 5.1 Project Planning Process 5.1.1 Overview

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#### Sommario/riassunto

A detailed and thorough reference on the discipline and practice of systems engineering. The objective of the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook is to describe key process activities performed by systems engineers and other engineering professionals throughout the life cycle of a system. The book covers a wide range of fundamental system concepts that broaden the thinking of the systems engineering practitioner, such as system thinking, system science, life cycle management, specialty engineering, system of systems, and agile and iterative method

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