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effects of a technological system; 2.5. Modes, mode switching and states; 2.5.1. Modes of operation; 2.5.2. Mode switching; 2.5.3. Operating states; 2.6. Errors, faults and failures; 2.7. "The human factor"; 3: Knowledge Systems; 3.1. Introduction; 3.2. Knowledge and its bearers; 3.3. Intersubjective knowledge; 3.4. Concepts, propositions and conceptual knowledge; 3.5. Objective and true knowledge; 3.6. Scientific and technological knowledge
3.6.1. Fundamental sciences3.6.2. Applied sciences and technology; 3.6.3. Operative technological rules; 3.6.4. Substantive technological rules; 3.7. Knowledge and belief; 4: Semiotic Systems and Models; 4.1. Introduction; 4.2. Signs and systems of signs; 4.3. Nomological propositions and law statements; 4.4. Models, object models, theoretical models and simulation; 4.5. Representativeness of models and the expressiveness of languages; 4.5.1. Representativeness of models; 4.5.2. Expressiveness of a language; PART 2: Methods; 5: Engineering Processes; 5.1. Introduction
5.2. Systems engineering process5.2.1. General framework; 5.2.2. Design process; 5.2.3. Safety assessment process; 5.2.4. Requirement and assumption validation; 5.2.5. Verification of the implementation regarding requirements; 5.2.6. Managing configurations; 5.2.7. Process (quality) assurance, certification and coordination with authorities; 6: Determining Requirements and Specification Models; 6.1. Introduction; 6.2. Specifications and requirements; 6.3. Text-based requirements and subjectivity; 6.4. Objectifying requirements and assumptions through property-based requirements
6.4.1. Definition

Sommario/riassunto

This book is a contribution to the definition of a model based system engineering (MBSE) approach, designed to meet the objectives laid out by the INCOSE. After pointing out the complexity that jeopardizes a lot of system developments, the book examines fundamental aspects of systems under consideration. It goes on to address methodological issues and proposes a methodic approach of MBSE that provides, unlike current practices, systematic and integrated model-based engineering processes. An annex describes relevant features of the VHDL-AMS language supporting the methodological issues describe

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Titolo	Russischer Faust und Hamlet zur Subjektivismuskritik und Intertextualität bei I. S.Turgenev / Anna Rothkoegel
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Note generali	Peter Lang GmbH, Internationaler Verlag der Wissenschaften
Nota di contenuto	Vorwort - Einleitung - Exkurs: Die Begriffe "Subjektivitat" und "Reflexion" im Deutschen Idealismus und in der deutschen Fruhromantik - Subjektivismuskritik in den Aufsatzen Faust und Gamlet i Don-Kichot - Intertextualitat in den Werken Faust und Gamlet Scigrovskogo uezda - Zusammenfassung
Sommario/riassunto	I. S. Turgenev's Vorliebe fur die Verwendung von Zitaten, aber auch fur Anspielungen auf andere Kunste, etwa Malerei oder Musik, ist nicht zu ubersehen. In der neueren Forschung ist wiederholt auf die Intertextualitat bei Turgenev hingewiesen worden. Die Novelle "Faust" und die Skizze "Gamlet Scigrovskogo uezda" aus dem Zyklus "Zapiski ochotnika" sind insofern geeignete Untersuchungsobjekte, als sie sowohl hinsichtlich ihrer Intertextualitat als auch in der Textstruktur uberhaupt deutliche Ahnlichkeiten aufweisen. Die Parallelen beginnen bei der eindeutigen Markierung des intertextuellen Bezuges im Titel und reichen uber Gemeinsamkeiten in der Erzahlform bis hin zu thematischen und argumentativen Aquivalenzen.