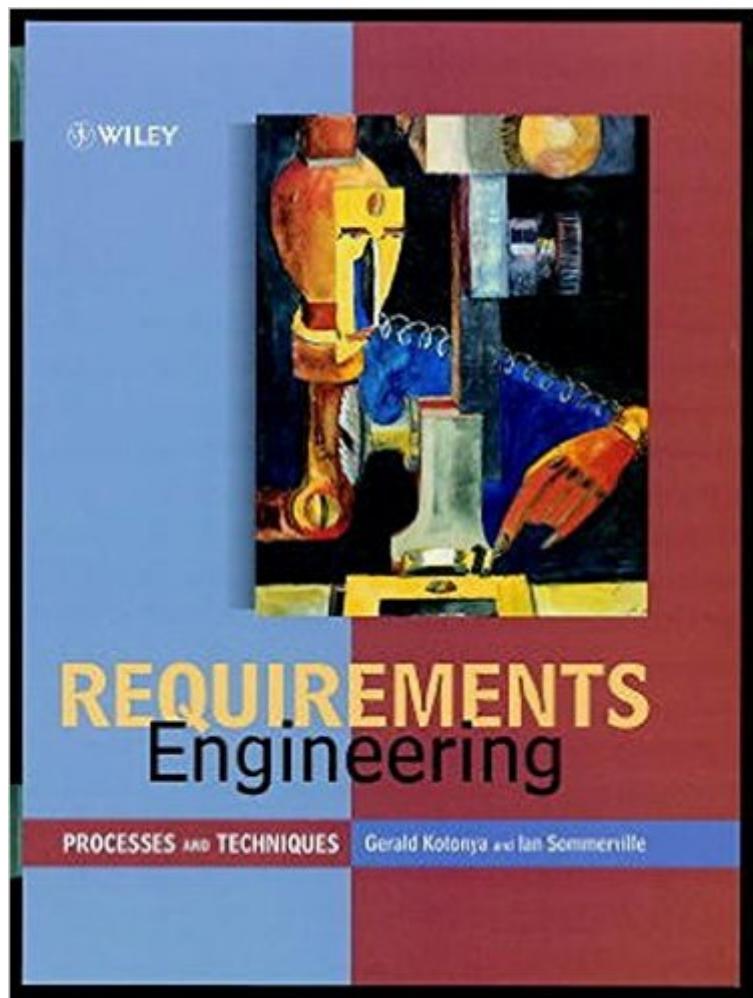


The book was found

# Requirements Engineering: Processes And Techniques



## **Synopsis**

Requirements Engineering Processes and Techniques Why this book was written The value of introducing requirements engineering to trainee software engineers is to equip them for the real world of software and systems development. What is involved in Requirements Engineering? As a discipline, newly emerging from software engineering, there are a range of views on where requirements engineering starts and finishes and what it should encompass. This book offers the most comprehensive coverage of the requirements engineering process to date - from initial requirements elicitation through to requirements validation. How and Which methods and techniques should you use? As there is no one catch-all technique applicable to all types of system, requirements engineers need to know about a range of different techniques. Tried and tested techniques such as data-flow and object-oriented models are covered as well as some promising new ones. They are all based on real systems descriptions to demonstrate the applicability of the approach. Who should read it? Principally written for senior undergraduate and graduate students studying computer science, software engineering or systems engineering, this text will also be helpful for those in industry new to requirements engineering. Accompanying Website: <http://www.comp.lancs.ac.uk/computing/resources/re> Visit our Website: <http://www.wiley.com/college/wws>

## **Book Information**

Hardcover: 294 pages

Publisher: Wiley; 1 edition (September 16, 1998)

Language: English

ISBN-10: 0471972088

ISBN-13: 978-0471972082

Product Dimensions: 7.8 x 0.9 x 9.6 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 2.8 out of 5 starsÂ  See all reviewsÂ  (6 customer reviews)

Best Sellers Rank: #1,280,149 in Books (See Top 100 in Books) #245 inÂ  Books > Computers & Technology > Hardware & DIY > Peripherals #581 inÂ  Books > Computers & Technology > Computer Science > Systems Analysis & Design #1604 inÂ  Books > Textbooks > Computer Science > Software Design & Engineering

## **Customer Reviews**

This book is broken down into requirements processes and techniques, which makes an ideal

reference for companies that are implementing requirements engineering, for consultants who are developing and implementing requirements processes and procedures for clients, and for individuals who are seeking to improve their professional skills. I like the way this book starts with a frequently asked questions (FAQ) about requirements. In my experience requirements and the processes and techniques that are associated with eliciting and analyzing them are not clearly understood. Too often requirements spill into design, and this part of the book will show you what a requirement is and what it is not. The requirements process models covered in this book are complete, and serve as a complete life cycle of a requirement from elicitation to analysis, validation and management. Some strong points about this approach include the need to test requirements, as well as to manage changes as they are refined. Moreover, the authors' approach to constantly assuring traceability is a mature practice and the key, in my opinion, to effective requirements management. Part two of this book covers the requirements engineering techniques that are the "moving parts" of the processes. Some are outdated or cumbersome, such as Structured Analysis and Design Technique (SADT), while others are interesting, such as Viewpoint-oriented System Engineering (VOSE). Some highlights of this part of the book include: definition of non-functional requirements (another grossly misunderstood aspect of requirements management), interactive system specification approaches and transitioning to object-oriented design. I also found the case study at the end of the book both useful and interesting.

[Download to continue reading...](#)

Requirements Elicitation Techniques - Simply Put!: Helping Stakeholders Discover and Define Requirements for IT Projects Requirements Engineering: Processes and Techniques Medical School Admission Requirements (MSAR) 2010-2011: The Most Authoritative Guide to U.S. and Canadian Medical Schools (Medical School Admission Requirements, United States and Canada) How to Start a Business Analyst Career: The handbook to apply business analysis techniques, select requirements training, and explore job roles ... career (Business Analyst Career Guide) Coastal and Estuarine Processes (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Requirements Modelling and Specification for Service Oriented Architecture ISO/IEC 17025:2005, General requirements for the competence of testing and calibration laboratories ISO 1940-1:2003, Mechanical vibration -- Balance quality requirements for rotors in a constant (rigid) state -- Part 1: Specification and verification of balance tolerances IEC 61511-1 Ed. 1.0 b:2003, Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements The FDA and Worldwide Quality System Requirements Guidebook for Medical Devices The FDA and Worldwide

Quality System Requirements Guidebook for Medical Devices, Second Edition Plastics in Medical Devices, Second Edition: Properties, Requirements, and Applications (Plastics Design Library) Nursing Home Federal Requirements, 8th Edition: Guidelines to Surveyors and Survey Protocols Nursing Home Federal Requirements: Guidelines to Surveyors and Survey Protocols, 7th Edition Recording Skills in Safeguarding Adults: Best Practice and Evidential Requirements Business Requirements Deposition Guide: The Competitive Edge For Every IP, Cyber & Tech Lawyer! Business Requirements: What Every IP, Cyber & Tech Lawyer Should Know! Medical School Admission Requirements ISO 1940-2:1997, Mechanical vibration - Balance quality requirements of rigid rotors - Part 2: Balance errors ISO 4210:1996, Cycles - Safety requirements for bicycles

[Dmca](#)