

Engineering Economics Financial Decision Making

Software Engineering Economics is an invaluable guide to determining software costs, applying the fundamental concepts of microeconomics to software engineering, and utilizing economic analysis in software engineering decision making.

Fraser has cultivated a loyal following of customers who appreciate its practical, decision-making approach; the realistic cases which come from Niall Fraser's consulting experience; and the basic level of math (with more challenging, optional problems). KEY TOPICS: Engineering Decision Making; Time Value of Money; Cash Flow Analysis; Comparison Methods: Comparison Methods: Part 2; Financial Accounting and Business Plans; Replacement Decisions; Taxes; Inflation; Public Sector Decision Making; Project Management; Dealing With Uncertainty And Risk; Qualitative Considerations and Multiple Criteria (Course Website) MARKET: Engineering Economics: Financial Decision Making for Engineers is for Engineering Economics courses in Canadian university engineering programs and college engineering technology programs.

This student-friendly text on the current economic issues particular to engineering covers the topics needed to analyze engineering alternatives. Students use both hand-worked and spreadsheet solutions of examples, problems and case studies. In this edition the options have been increased with an expanded spreadsheet analysis component, twice the number of case studies, and virtually all new end-of-chapter problems. The chapters on factor derivation and usage, cost estimation, replacement studies, and after-tax evaluation have been heavily revised. New material is included on public sector projects and cost estimation. A reordering of chapters puts the fundamental topics up front in the text. Many chapters include a special set of problems that prepare the students for the Fundamentals of Engineering (FE) exam. This text provides students and practicing professionals with a solid preparation in the financial understanding of engineering problems and projects, as well as the techniques needed for evaluating and making sound economic decisions. Distinguishing characteristics include learning objectives for each chapter, an easy-to-read writing style, many solved examples, integrated spreadsheets, and case studies throughout the text. Graphical cross-referencing between topics and quick-solve spreadsheet solutions are indicated in the margin throughout the text. While the chapters are progressive, over three-quarters can stand alone, allowing instructors flexibility for meeting course needs. A complete online learning center (OLC) offers supplemental practice problems, spreadsheet exercises, and review questions for the the Fundamentals of Engineering (FE) exam.

The scope of this volume is primarily to analyze from different methodological perspectives similar valuation and optimization problems arising in financial applications, aimed at facilitating a theoretical and computational integration between methods largely regarded as alternatives. Increasingly in recent years,

financial management problems such as strategic asset allocation, asset-liability management, as well as asset pricing problems, have been presented in the literature adopting formulation and solution approaches rooted in stochastic programming, robust optimization, stochastic dynamic programming (including approximate SDP) methods, as well as policy rule optimization, heuristic approaches and others. The aim of the volume is to facilitate the comprehension of the modeling and methodological potentials of those methods, thus their common assumptions and peculiarities, relying on similar financial problems. The volume will address different valuation problems common in finance related to: asset pricing, optimal portfolio management, risk measurement, risk control and asset-liability management. The volume features chapters of theoretical and practical relevance clarifying recent advances in the associated applied field from different standpoints, relying on similar valuation problems and, as mentioned, facilitating a mutual and beneficial methodological and theoretical knowledge transfer. The distinctive aspects of the volume can be summarized as follows: Strong benchmarking philosophy, with contributors explicitly asked to underline current limits and desirable developments in their areas. Theoretical contributions, aimed at advancing the state-of-the-art in the given domain with a clear potential for applications. The inclusion of an algorithmic-computational discussion of issues arising on similar valuation problems across different methods. Variety of applications: rarely is it possible within a single volume to consider and analyze different, and possibly competing, alternative optimization techniques applied to well-identified financial valuation problems. Clear definition of the current state-of-the-art in each methodological and applied area to facilitate future research directions.

"Schrage, Camp and Suresh, three leaders of TOC community, are tackling one of value destroyers of corporations—the misuse and abuse of traditional cost accounting. This book develops a practical methodology for better decision making by looking at the impact of certain types of decisions on a company's bottom line. This well-defined methodology allows mid-managers, higher level managers and financial staff to create real value by concentrating on what truly matters." Boaz Ronen, Professor Emeritus, Coller School of Management, Tel Aviv University, Tel Aviv, Israel "Throughput Economics is a must read for entrepreneurs and managers who want to make their organizations more and more antifragile." Andrea Zattoni, CEO of Antifragility, Italy "Management accounting is a dry topic. Throughput Economics is not—managers can learn a lot they can apply to their company from it." Rudolf Burkhart, Business Development Director, Vistem GmbH, Germany Throughput Economics challenges the current thinking of how to evaluate cost, risks and rewards of any deal or any other new market opportunity being considered, especially the practice of calculating cost-per-unit. Instead, this book offers a process that directly answers the critical question: If we accept the proposed decision, will the performance of the organization improve? The process involves the intuition of

the key people in the organization, together with the relevant data, to come up with the best available information from which to form a reasonable range of net profit, when the considered decision is added on top of all the other activities undertaken by the organization. The process is explained and demonstrated using a variety of cases where the organization faces a new non-trivial idea, along with a detailed explanation of how it should work, including software support that provides very quick response to many what-if suggestions. This book offers a new and well-defined process, applicable to every organization, that considers both financial impacts and capacity limitations and, also, includes the impact of uncertainty by providing the range of reasonable results rather than one number, which is always proven wrong in the end. Overall, the book provides a holistic method for simplified decision making in seemingly complex or shifting environments using a constraints mindset to facilitate companies' realization, for the first time, their true potential.

More than any other book available, Risk Analysis in Engineering and Economics introduces the fundamental concepts, techniques, and applications of the subject in a style tailored to meet the needs of students and practitioners of engineering, science, economics, and finance. Drawing on his extensive experience in uncertainty and risk modeling and analysis, the author leads readers from the fundamental concepts through the theory, applications, and data requirements, sources, and collection. He emphasizes the practical use of the methods presented and carefully examines the limitations, advantages, and disadvantages of each. Case studies that incorporate the techniques discussed offer a practical perspective that helps readers clearly identify and solve problems encountered in practice. If you deal with decision-making under conditions of uncertainty, this book is required reading. The presentation includes more than 300 tables and figures, more than 100 examples, many case studies, and a wealth of end-of-chapter problems. Unlike the classical books on reliability and risk assessment, this book helps you relate underlying concepts to everyday applications and better prepares you to understand and use the methods of risk analysis.

For all engineers and practitioners, it is essential to have a fundamental understanding of cost structure, estimating cash flows, and evaluating alternative projects and designs on an economic basis. Engineering Economics for Aviation and Aerospace provides the tools and techniques necessary for engineers to economically evaluate their projects and choices. The focus of this book is on a comprehensive understanding of the theory and practical applications of engineering economics. It explains and demonstrates the principles and techniques of engineering economics and financial analysis as applied to the aviation and aerospace industries. Time value of money, interest factors, and spreadsheet functions are used to evaluate the cash flows associated with a single project or multiple projects. The alternative engineering economics tools and techniques are utilized in separate chapters to evaluate the attractiveness of a single project or to select the best of multiple alternatives. Most of the

engineering economics and financial mathematics books available in the market take either a pure theoretical approach or offer limited applications. This book incorporates both approaches, providing students of aviation and industrial economics, as well as practitioners, with the necessary mathematical knowledge to evaluate alternatives on an economic basis.

The economics background investors need to interpret global economic news distilled to the essential elements: A tool of choice for investment decision-makers. Written by a distinguished academics and practitioners selected and guided by CFA Institute, the world's largest association of finance professionals, Economics for Investment Decision Makers is unique in presenting microeconomics and macroeconomics with relevance to investors and investment analysts constantly in mind. The selection of fundamental topics is comprehensive, while coverage of topics such as international trade, foreign exchange markets, and currency exchange rate forecasting reflects global perspectives of pressing investor importance. Concise, plain-English introduction useful to investors and investment analysts Relevant to security analysis, industry analysis, country analysis, portfolio management, and capital market strategy Understand economic news and what it means All concepts defined and simply explained, no prior background in economics assumed Abundant examples and illustrations Global markets perspective

This book presents a new approach to the valuation of capital asset investments and investment decision-making. Starting from simple premises and working logically through three basic elements (capital, income, and cash flow), it guides readers on an interdisciplinary journey through the subtleties of accounting and finance, explaining how to correctly measure a project's economic profitability and efficiency, how to assess the impact of investment policy and financing policy on shareholder value creation, and how to design reliable, transparent, and logically consistent financial models. The book adopts an innovative pedagogical approach, based on a newly developed accounting-and-finance-engineering system, to help readers gain a deeper understanding of the accounting and financial magnitudes, learn about new analytical tools, and develop the necessary skills to practically implement them. This diverse approach to capital budgeting allows a sophisticated economic analysis in both absolute terms (values) and relative terms (rates of return), and is applicable to a wide range of economic entities, including real assets and financial assets, engineering designs and manufacturing schemes, corporate-financed and project-financed transactions, privately-owned projects and public investments, individual projects and firms. As such, this book is a valuable resource for a broad audience, including scholars and researchers, industry practitioners, executives, and managers, as well as students of corporate finance, managerial finance, engineering economics, financial management, management accounting, operations research, and financial mathematics. It features more than 180 guided examples, 50 charts and figures and over 160 explanatory tables that help readers grasp the new concepts and tools. Each chapter starts with an abstract and a list of the skills readers can expect to gain, and concludes with a list of key points summarizing the content.

For courses in engineering and economics Comprehensively blends engineering concepts with economic theory Contemporary Engineering Economics teaches engineers how to make smart financial decisions in an effort to create economical products. As design and manufacturing become an integral part of engineers' work, they are required to make more and more decisions regarding money. The Sixth Edition helps students think like the 21st century

engineer who is able to incorporate elements of science, engineering, design, and economics into his or her products. This text comprehensively integrates economic theory with principles of engineering, helping students build sound skills in financial project analysis.

MyEngineeringLab™ not included. Students, if MyEngineeringLab is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MyEngineeringLab should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information.

MyEngineeringLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts.

Instructors can choose from a wide range of assignment options, including time limits, proctoring, and maximum number of attempts allowed. The bottom line: MyEngineeringLab means less time grading and more time teaching.

Global Engineering Economics: Financial Decision Making for Engineers is designed for teaching a course on engineering economics to match engineering practice today. It recognizes the role of the engineer as a decision maker who has to make and defend sensible decisions. Such decisions must not only take into account a correct assessment of costs and benefits, they must also reflect an understanding of the environment in which the decisions are made. The 4th edition has a new global perspective and presents examples and problems in a global environment.

Engineering Economics Financial Decision Making for Engineers

Designed as a textbook for undergraduate students in various engineering disciplines—Mechanical, Civil, Industrial Engineering, Electronics Engineering and Computer Science—and for postgraduate students in Industrial Engineering and Water Resource Management, this comprehensive and well-organized book, now in its Second Edition, shows how complex economic decisions can be made from a number of given alternatives. It provides the managers not only a sound basis but also a clear-cut approach to making decisions. These decisions will ultimately result in minimizing costs and/or maximizing benefits. What is more, the book adequately illustrates the concepts with numerical problems and Indian cases. While retaining all the chapters of the previous edition, the book adds a number of topics to make it more comprehensive and more student friendly. What's New to This Edition

- Discusses different types of costs such as average cost, recurring cost, and life cycle cost.
- Deals with different types of cost estimating models, index numbers and capital allowance.
- Covers the basics of nondeterministic decision making.
- Describes the meaning of cash flows with probability distributions and decision making, and selection of alternatives using simulation.
- Discusses the basic concepts of Accounting.

This book, which is profusely illustrated with worked-out examples and a number of diagrams and tables, should prove extremely useful not only as a text but also as a reference for those offering courses in such areas as Project Management, Production Management, and Financial Management.

This work offers a concise, but in-depth coverage of all fundamental topics of engineering economics.

Covering detailed discussion of fundamental concepts of economics, the textbook commences with comprehensive explanation of theory of consumer behavior, utility maximization and optimal choice, profit function, cost minimization and cost function. The textbook covers methods including present worth method, future worth method, annual worth method, internal rate of return method, explicit re-investment rate of return method and payout method useful for studying economic studies. A chapter on value engineering discusses important topics such as function analysis systems techniques, the value index, value measurement techniques, innovative phase and constraints analysis in depth. It facilitates the understanding of the

concepts through illustrations and solved problems. This text is the ideal resource for Indian undergraduate engineering students in the fields of mechanical engineering, computer science and engineering and electronics engineering for a course on engineering economics/engineering economy.

Advanced Engineering Economics, Second Edition, provides an integrated framework for understanding and applying project evaluation and selection concepts that are critical to making informed individual, corporate, and public investment decisions. Grounded in the foundational principles of economic analysis, this well-regarded reference describes a comprehensive range of central topics, from basic concepts such as accounting income and cash flow, to more advanced techniques including deterministic capital budgeting, risk simulation, and decision tree analysis. Fully updated throughout, the second edition retains the structure of its previous iteration, covering basic economic concepts and techniques, deterministic and stochastic analysis, and special topics in engineering economics analysis. New and expanded chapters examine the use of transform techniques in cash flow modeling, procedures for replacement analysis, the evaluation of public investments, corporate taxation, utility theory, and more. Now available as interactive eBook, this classic volume is essential reading for both students and practitioners in fields including engineering, business and economics, operations research, and systems analysis.

With flair and an originality of approach, Crundwell brings his considerable experience to bear on this crucial topic. Uniquely, this book discusses the technical and financial aspects of decision-making in engineering and demonstrates these through case studies. It's a hugely important matter as, of course, engineering solutions and financial decisions are intimately tied together. The best engineers combine the technical and financial cases in determining new solutions to opportunities, challenges and problems. To get your project approved, no matter the size of it, the financial case must be clear and compelling. This book provides a framework for engineers and scientists to undertake financial evaluations and assessments of engineering or production projects.

This reference outlines the fundamental concepts and strategies for economic assessments for informed management decisions in industry. The book illustrates how to prepare capital cost and operating expense estimates, profitability analyses, and feasibility studies, and how to execute sensitivity and uncertainty assessments. From financial reports to opportunity costs and engineering trade-offs, Process Engineering Economics considers a wide range of alternatives for profitable investing and for projecting outcomes in various chemical and engineering fields. It also explains how to monitor costs, finances, and economic limitations at every stage of chemical project design, preparation, and evaluation.

TRB's National Cooperative Highway Research Program (NCHRP) Synthesis 424: Engineering Economic Analysis Practices for Highway Investment explores how U.S. transportation agencies have applied engineering economics--benefit--cost analyses and similar procedures--to decisions on highway investments.

Behavioural economics and behavioural finance are rapidly expanding fields that are continually growing in prominence. While orthodox economic models are built upon restrictive and simplifying assumptions about rational choice and efficient markets, behavioural economics offers a robust alternative using insights and evidence that rest more easily with our understanding of how real people think, choose and decide. This insightful textbook introduces the key concepts from this rich, interdisciplinary approach to real-world decision-making. This new edition of Behavioural Economics and Finance is a thorough extension of the first edition, including updates to the key chapters on prospect theory; heuristics and bias; time and planning; sociality and identity; bad habits; personality, moods and emotions; behavioural macroeconomics; and well-being and happiness. It also includes a number of new chapters dedicated to the themes of incentives and motivations, behavioural public policy and emotional

trading. Using pedagogical features such as chapter summaries and revision questions to enhance reader engagement, this text successfully blends economic theories with cutting-edge multidisciplinary insights. This second edition will be indispensable to anyone interested in how behavioural economics and finance can inform our understanding of consumers' and businesses' decisions and choices. It will appeal especially to undergraduate and graduate students but also to academic researchers, public policy-makers and anyone interested in deepening their understanding of how economics, psychology and sociology interact in driving our everyday decision-making.

Praised for its accessible tone and extensive problem sets, this trusted text familiarizes students with the universal principles of engineering economics. This essential introduction features a wealth of specific Canadian examples and has been fully updated with new coverage of inflation and environmental stewardship as well as a new chapter on project management.

Presents engineering economy in the content context of the entire decision-making framework. Features a four-part structure that starts with the basics of engineering economy and then walks through each step in the decision-making process. Includes examples throughout the book that stem from real-life applications. Introduces and integrates the use of computers and spreadsheets in economic analysis. For engineering professionals looking for increased awareness of the issues involved with engineering economics.

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Understanding finance and accounting principles is important in interfacing and conducting business with accountants, financial analysts, and members of upper management. In a relatively simple and easy-to-understand manner, this book familiarizes professionals with decision making skills founded on financial calculations and quantitative analysis. It covers finance and accounting ratios and other metrics; income statements, balance sheets, cash flow, and working capital concepts; inventory concepts; life cycle, period, direct, and indirect costs; and energy performance contracting. Each chapter concludes with a list of questions or problems for self-assessment and knowledge affirmation purposes. Answers to the questions are at the back of the book.

The authors cover two general topics: basic engineering economics and risk analysis in this text. Within the topic of engineering economics are discussions on the time value of money and interest relationships. These interest relationships are used to define certain project criteria that are used by engineers and project managers to select the best economic choice among several alternatives.

Projects examined will include both income- and service-producing investments. The effects of escalation, inflation, and taxes on the economic analysis of alternatives are discussed. Risk analysis incorporates the concepts of probability

and statistics in the evaluation of alternatives. This allows management to determine the probability of success or failure of the project. Two types of sensitivity analyses are presented. The first is referred to as the range approach while the second uses probabilistic concepts to determine a measure of the risk involved. The authors have designed the text to assist individuals to prepare to successfully complete the economics portions of the Fundamentals of Engineering Exam. Table of Contents: Introduction / Interest and the Time Value of Money / Project Evaluation Methods / Service Producing Investments / Income Producing Investments / Determination of Project Cash Flow / Financial Leverage / Basic Statistics and Probability / Sensitivity Analysis

Engineers often find themselves tasked with the difficult challenge of developing a design that is both technically and economically feasible. A sharply focused, how-to book, *Engineering Economics and Economic Design for Process Engineers* provides the tools and methods to resolve design and economic issues. It helps you integrate technical and economic decision making, creating more profit and growth for your organization. The book puts methods that are simple, fast, and inexpensive within easy reach. Author Thane Brown sets the stage by explaining the engineer's role in the creation of economically feasible projects. He discusses the basic economics of projects — how they are funded, what kinds of investments they require, how revenues, expenses, profits, and risks are interrelated, and how cash flows into and out of a company. In the engineering economics section of the book, Brown covers topics such as present and future values, annuities, interest rates, inflation, and inflation indices. He details how to create order-of-magnitude and study grade estimates for the investments in a project and how to make study grade production cost estimates. Against this backdrop, Brown explores a unique scheme for producing an Economic Design. He demonstrates how using the Economic Design Model brings increased economic thinking and rigor into the early parts of design, the time in a project's life when its cost structure is being set and when the engineer's impact on profit is greatest. The model emphasizes three powerful new tools that help you create a comprehensive design option list. When the model is used early in a project, it can drastically lower both capital and production costs. The book's uniquely industrial focus presents topics as they would happen in a real work situation. It shows you how to combine technical and economic decision making to create economically optimum designs and increase your impact on profit and growth, and, therefore, your importance to your organization. Using these time-tested techniques, you can design processes that cost less to build and operate, and improve your company's profit.

A look at how new technologies can be put to use in the creation of a more just society. Artificial Intelligence (AI) is not likely to make humans redundant. Nor will it create superintelligence anytime soon. But it will make huge advances in the next two decades, revolutionize medicine, entertainment, and transport, transform jobs and markets, and vastly increase the amount of information that

governments and companies have about individuals. AI for Good leads off with economist and best-selling author Daron Acemoglu, who argues that there are reasons to be concerned about these developments. AI research today pays too much attention to the technological hurdles ahead without enough attention to its disruptive effects on the fabric of society: displacing workers while failing to create new opportunities for them and threatening to undermine democratic governance itself. But the direction of AI development is not preordained. Acemoglu argues for its potential to create shared prosperity and bolster democratic freedoms. But directing it to that task will take great effort: It will require new funding and regulation, new norms and priorities for developers themselves, and regulations over new technologies and their applications. At the intersection of technology and economic justice, this book will bring together experts--economists, legal scholars, policy makers, and developers--to debate these challenges and consider what steps tech companies can do take to ensure the advancement of AI does not further diminish economic prospects of the most vulnerable groups of population.

Engineering skills and knowledge are foundational to technological innovation and development that drive long-term economic growth and help solve societal challenges. Therefore, to ensure national competitiveness and quality of life it is important to understand and to continuously adapt and improve the educational and career pathways of engineers in the United States. To gather this understanding it is necessary to study the people with the engineering skills and knowledge as well as the evolving system of institutions, policies, markets, people, and other resources that together prepare, deploy, and replenish the nation's engineering workforce. This report explores the characteristics and career choices of engineering graduates, particularly those with a BS or MS degree, who constitute the vast majority of degreed engineers, as well as the characteristics of those with non-engineering degrees who are employed as engineers in the United States. It provides insight into their educational and career pathways and related decision making, the forces that influence their decisions, and the implications for major elements of engineering education-to-workforce pathways.

"This textbook presents fundamental concepts that engineering students need to master in one semester. The author applies an incremental learning method, starting with resolving personal financial matters and gradually progressing to the complexities of engineering economic calculations. Practical examples and exercises with answers at the end of each chapter teach students to solve problems using Microsoft Excel without the need for calculus. Future engineers also will gain valuable skills such as the ability to effectively communicate the results of their analyses to financial professionals"--

For introductory engineering economics courses. Relate engineering economics to students' everyday lives for theoretical and conceptual understanding Chan Park, author of the best-selling Contemporary Engineering Economics, tells the

story of engineering economy with the more concise Fundamentals of Engineering Economics by relating concepts from class to students' everyday lives. This book provides sound and comprehensive coverage of course concepts while addressing both the theoretical and the practical concerns of engineering economics. Written to appeal to a wide range of engineering disciplines, the text helps students build skills in making informed financial decisions and incorporates all critical decision-making tools, including the most contemporary, computer-oriented ones. MyLab(tm) Engineering is not included. Students, if MyLab Engineering is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN. MyLab Engineering should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. Reach every student by pairing this text with MyLab Engineering MyLab(tm) is the teaching and learning platform that empowers you to reach every student. By combining trusted author content with digital tools and a flexible platform, MyLab personalizes the learning experience and improves results for each student.

Drawing from many sources in the literature, Stochastic Dominance and Applications to Finance, Risk and Economics illustrates how stochastic dominance (SD) can be used as a method for risk assessment in decision making. It provides basic background on SD for various areas of applications. Useful Concepts and Techniques for Economics Applications The Engineering Economics: Financial Decision Making for Engineers is designed for teaching a course on engineering economics to match engineering practice today. It recognizes the role of the engineer as a decision maker who has to make and defend sensible decisions. Such decisions must not only take into account a correct assessment of costs and benefits, they must also reflect an understanding of the environment in which the decisions are made. The 5th edition has new material on project management in order to adhere to the CEAB guidelines as well the new edition will have a new spreadsheet feature throughout the text. The Companion Website is not included with the purchase of this product.

For Engineering Economics courses, found in departments of Industrial, Civil, Mechanical, and Electrical Engineering. New from the author of the best-selling Contemporary Engineering Economics text, Fundamentals of Engineering Economics offers a concise, but in-depth coverage of all fundamental topics of Engineering Economics.

This book provides a practical approach to making integrated financial decisions in contemporary organizations. While mathematics is used throughout, it focuses on the application of the math techniques used in real-world settings. Examples, Questions, Problems, and Discussion Cases balance quantitative analysis, team based decisions, technical factors, and qualitative information. A four-part organization covers financial concepts, financial analysis and time value of money, financial decision making, and continuous financial improvement. For

those working in design, process and manufacturing engineering, purchasing, and financial analysis in both manufacturing and service organizations; for members of financial improvement teams; and for technical and senior managers.

Financial and cost information. Money and investing. Evaluating business and engineering assets.

Economic and Financial Analysis for Engineering and Project Management is for engineers and others who must analyze the financial and economic ramifications of producing and sustaining capital projects. Unlike other books in the field, it offers straightforward and lucid explanations of all main formulas needed to carry out financial analyses. The math is kept simple and is fully explained, making the book accessible to non-technical personnel. Numerous sample problems are provided, and can be worked on standard spreadsheet programs, as well as using interest rate tables. The book shows how to link quantitative data to management decisions and to standard reporting forms and has been designed for practicing engineers and students alike. Economic and Financial Analysis for Engineering and Project Management is a "must have" for graduate students in engineering management departments; graduate and undergraduates taking courses in project management, engineering economics, and engineering finance. Practicing engineers will find this book THE handy reference for any project involving financial analyses.

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