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The Box Newnes
Now in its second edition
Maritime Economics
provides a valuable
introduction to the
organisation and workings
of the global shipping
industry. The author
outlines the economic
theory as well as many of
the operational
practicalities involved.
Extensively revised for the
new edition, the book has
many clear illustrations and
tables. Topics covered
include: * an overview of
international trade *
Maritime Law * economic
organisation and principles
* financing ships and
shipping companies *
market research and
forecasting.
[Encyclopedia of Creativity](#)

MIT Press

An exploration of why we play video games despite the fact that we are almost certain to feel unhappy when we fail at them. We may think of video games as being "fun," but in *The Art of Failure*, Jesper Juul claims that this is almost entirely mistaken. When we play video games, our facial expressions are rarely those of happiness or bliss. Instead, we frown, grimace, and shout in frustration as we lose, or die, or fail to advance to the next level. Humans may have a fundamental desire to succeed and feel competent, but game players choose to engage in an activity in which they are nearly certain to fail and feel incompetent. So why do we play video games even though they make us unhappy? Juul examines this paradox. In

video games, as in tragic works of art, literature, theater, and cinema, it seems that we want to experience unpleasantness even if we also dislike it. Reader or audience reaction to tragedy is often explained as catharsis, as a purging of negative emotions. But, Juul points out, this doesn't seem to be the case for video game players. Games do not purge us of unpleasant emotions; they produce them in the first place. What, then, does failure in video game playing do? Juul argues that failure in a game is unique in that when you fail in a game, you (not a character) are in some way inadequate. Yet games also motivate us to play more, in order to escape that inadequacy, and the feeling of escaping failure (often by improving skills) is a central enjoyment of games. Games, writes Juul, are the art of

failure: the singular art form that sets us up for failure and allows us to experience it and experiment with it. *The Art of Failure* is essential reading for anyone interested in video games, whether as entertainment, art, or education.

Economics Academic Press

In April 1956, a refitted oil tanker carried fifty-eight shipping containers from Newark to Houston. From that modest beginning, container shipping developed into a huge industry that reshaped manufacturing. But the container didn't just happen. Its adoption required huge sums of money, years of high-stakes bargaining, and delicate negotiation on standards. Now with a new chapter, *The Box* tells the dramatic story of how the drive and imagination of an iconoclastic entrepreneur turned containerization from an impractical idea into a phenomenon that transformed economic geography, slashed transportation costs, and made the boom in global trade possible. -- from back cover.

Simulation Using Pro Model CRC Press

Many books on reliability focus on either modeling or statistical analysis and require an extensive background in probability and statistics.

Continuing its

tradition of excellence as an introductory text for those with limited formal education in the subject, this classroom-tested book introduces the necessary concepts in probability and statistics within the context of their application to reliability. The Third Edition adds brief discussions of the Anderson-Darling test, the Cox proportionate hazards model, the Accelerated Failure Time model, and Monte Carlo simulation. Over 80 new end-of-chapter exercises have been added, as well as solutions to all odd-numbered exercises. Moreover, Excel workbooks, available for download, save students from performing numerous tedious calculations and allow them to focus on reliability concepts. Ebeling has created an exceptional text that enables readers to learn how to analyze failure, repair data, and derive appropriate models

for reliability and maintainability as well as apply those models to all levels of design.

An Introduction to Reliability and Maintainability Engineering Oxford University Press, USA

The 8th Edition of *Contemporary Economics* continues to offer a clear, concise presentation of basic micro- and macroeconomic theory. Emphasising how the discipline of economics connects to the world, the book takes a friendly and accessible tone, illustrating theory with applications. This new edition comes with updated applications and data to reflect the changing world events since the previous edition was published. With a vast range of updated applications, the handbook uses real world, globally relevant examples that make the subject easy to understand. New and updated topics include: Energy and oil Economic sanctions on Russia and Iran The Eurozone Crisis The Trans-Pacific Partnership China and the world currency market Including a Companion Website complete with instructor 's manual, lecture slides and test bank, as well as an online

study guide and multiple choice questions for students, **Contemporary Economics** is suitable for both economics students and non-majors studying economics and economic issues at the introductory level.

The New Public Health McGraw-Hill College

Simulation Using ProModel covers the art and science of simulation in general and the use of ProModel simulation software in particular.

The text blends theory with practice. Actual applications in business, services and manufacturing and a hands-on approach to simulation, including real-world simulation projects, are emphasized. The third edition of Simulation Using ProModel reflects the most recent version of the ProModel software in all the examples and labs as well as expanded coverage on generating random variates and design of experiments. Additionally, the lead author is founder and Chief Technology Advisor for ProModel Corporation.

Water Resource Economics, second edition CRC Press

The first edition of the successful Encyclopedia of Creativity served to establish the study of creativity is a field in itself. Now completely updated and revised in its second edition, coverage encompasses the definition of creativity, the development and expression of creativity across the lifespan, the environmental conditions that encourage or discourage creativity, creativity within specific disciplines like music, dance, film, art, literature, etc., the relationship of creativity and mental health,

intelligence, and learning styles, and the process of being creative. This reference also appeals to a lay audience with articles specifically on the application of creativity to business settings. Available online via ScienceDirect and in limited print release. Named a 2012 Outstanding Academic Title by the American Library Association's Choice publication Serves as a compendium of reviews of a number of domain-specific areas, such as acting, dance, expressive arts, film, food, music, religion, science, sports, theater, and writing. Creativity and education are examined in articles about thought processes, such as developmental trends in creative abilities and potentials, the enhancement of creativity, intelligence, knowledge, play, prodigies, programs and courses, talent and teaching creativity. Cognitive aspects of creativity can be investigated in articles about altered and transitional states, analogies, attention, cognitive style, divergent thinking, flow and optimal experience, metacognition, metaphors, problem-finding, problem-solving, and remote associates. Covers business and organizational creativity in articles about advertising with art, creative visuals, business/management, creativity coaching, creativity exercises, entrepreneurship, group dynamics, innovation, leadership, organizational culture, organizational development, teams, and training, among others. Explicitly examines the complex interrelationship between society and creativity in articles about awards, conformity and conventionality, the creative sector and class of society, cultural

diversity, the dark side of creativity, East vs. West, networking, social psychology, war, zeitgeist, and others. Personal and interpersonal creativity is discussed in articles relating to collaboration, family, life stages, mentors, networking, personal creativity and self-actualization. Focuses on scientific information about creativity, there are also articles that discuss brain and neuropsychology, concepts of creativity, definitions of creativity, expertise, longitudinal studies, researching art, artists and art audiences, research methods, phenomenology research and qualitative research. Online version contains an additional 26 biographies of famously creative people

Project Management
Bloomsbury Publishing

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

Fundamentals of Economics for Applied Engineering Corwin Press
Agricultural Production Economics, Second Edition. (First Edition, Macmillan, 1986)

An Introduction to Behavioral Economics
Routledge

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. Principles of Economics 2e Routledge

Continuing his exploration of the organization of complexity and the science of design, this new edition of Herbert Simon's classic work on artificial intelligence adds a chapter that sorts out the current themes and tools—chaos, adaptive systems, genetic algorithms—for analyzing complexity and complex systems. There are updates throughout the book as well. These take into account important advances in cognitive psychology and the science of design while confirming and extending the book's basic thesis: that a physical symbol system has the necessary and sufficient means for intelligent action. The chapter "Economic Reality" has also been revised to reflect a change in emphasis in Simon's thinking about the respective roles of organizations and markets in economic systems.

Engineering Economy Waveland Press

The third edition of this successful textbook is a comprehensive, rigorous survey of the major topics in the field of behavioral economics. Building on the

strengths of the second edition, it offers an up-to-date and critical examination of the latest literature, research, developments and debates in the field. Offering an interdisciplinary approach, the authors incorporate psychology, evolutionary biology and neuroscience into the discussions. And, ultimately, they consider what it means to be 'rational', why we so often indulge in 'irrational' and self-harming behavior, and also why 'irrational' behavior can sometimes serve us well. A perfect book for economics students studying behavioural economics at higher undergraduate level or Master's level. This new edition features: - Extended material on heuristics and biases, and new material on neuroeconomics and its applications - A wealth of new topical case studies, such as voting behavior in Brexit and the Trump election and the current obesity epidemic - More examples and review questions to help cement understanding

Agricultural Production

Economics Scientific Publishers

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 6th 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. The full text downloaded to your computer

With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook.

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The Great Stagnation John Wiley & Sons

During the past 20 years, the field of mechanical engineering has undergone enormous changes. These changes have been driven by many factors, including: the development of computer technology worldwide competition in industry improvements in the flow of information satellite communication real time monitoring increased energy efficiency robotics automatic

control increased sensitivity to environmental impacts of human activities advances in design and manufacturing methods These developments have put more stress on mechanical engineering education, making it increasingly difficult to cover all the topics that a professional engineer will need in his or her career. As a result of these developments, there has been a growing need for a handbook that can serve the professional community by providing relevant background and current information in the field of mechanical engineering. The CRC Handbook of Mechanical Engineering serves the needs of the professional engineer as a resource of information into the next century.

Maritime Economics Addison Wesley Longman

Updated edition of a comprehensive introduction to the economics of water management, with self-contained treatment of all necessary economic concepts. Economics brings powerful insights to water management, but most water professionals receive limited training in it. The second edition of this text offers a comprehensive development of water resource economics that is

accessible to engineers and natural scientists as well as to economists. The goal is to build a practical platform for understanding and performing economic analysis using both theoretical and empirical tools. Familiarity with microeconomics or natural resource economics is helpful, but all the economics needed is presented and developed progressively in the text. The book focuses on the scarcity of water quantity (rather than on water quality). The author presents the economic theory of resource allocation, recognizing the peculiarities imposed by water, and then goes on to treat a range of subjects including conservation, groundwater depletion, water law, policy analysis, cost – benefit analysis, water marketing, privatization, and demand and supply estimation. Added features of this updated edition include a new chapter on water scarcity risk (with climate change and necessary risk tools introduced progressively) and new risk-attentive material elsewhere in the text; sharper treatment of block rates and pricing doctrine; expanded attention to contemporary literature and issues; and new appendixes on input – output analysis, water footprinting and virtual water,

and cost allocation. Each chapter ends with a summary and exercises.

Modern Labor Economics
Princeton University Press

A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project. Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project management. Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications. Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management. Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam. Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems

Approach to Planning, Scheduling, and Controlling. (PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.)

Contemporary Engineering Economics Pearson Higher Ed

Tyler Cowen's controversial New York Times bestseller—the book heard round the world that ignited a firestorm of debate and redefined the nature of America's economic malaise. America has been through the biggest financial crisis since the great Depression, unemployment numbers are frightening, media wages have been flat since the 1970s, and it is common to expect that things will get worse before they get better. Certainly, the multidecade stagnation is not yet over. How will we get out of this mess? One political party tries to increase government spending even when we have no good plan for paying for ballooning programs like Medicare and Social Security. The other party seems to think tax cuts will raise revenue and has a record of creating bigger fiscal disasters than the first. Where does this madness come from? As Cowen argues, our economy has enjoyed low-hanging fruit since the seventeenth century: free

land, immigrant labor, and powerful new technologies. But during the last forty years, the low-hanging fruit started disappearing, and we started pretending it was still there. We have failed to recognize that we are at a technological plateau. The fruit trees are barer than we want to believe. That's it. That is what has gone wrong and that is why our politics is crazy. In *The Great Stagnation*, Cowen reveals the underlying causes of our past prosperity and how we will generate it again. This is a passionate call for a new respect of scientific innovations that benefit not only the powerful elites, but humanity as a whole. The CRC Handbook of Mechanical Engineering, Second Edition Elsevier Comprehensive Introduction to Manufacturing Management text covering the behavior laws at work in factories. Examines operating policies and strategic objectives. Hopp presents the concepts of manufacturing processes and controls within a "physics" or "laws of nature" analogy—a novel approach. There is enough quantitative material for an engineer's course, as well as narrative that a management major can understand and apply. Contemporary Economics Penguin

A new edition of a bestselling industrial and systems engineering reference, *Handbook of Industrial and Systems Engineering*, Second

Edition provides students, researchers, and practitioners with easy access to a wide range of industrial engineering tools and techniques in a concise format. This edition expands the breadth and depth of coverage, emphasizing new systems engineering tools, techniques, and models. See *What's New in the Second Edition*: Section covering safety, reliability, and quality Section on operations research, queuing, logistics, and scheduling Expanded appendix to include conversion factors and engineering, systems, and statistical formulae Topics such as control charts, engineering economy, health operational efficiency, healthcare systems, human systems integration, Lean systems, logistics transportation, manufacturing systems, material handling systems, process view of work, and Six Sigma techniques

The premise of the handbook remains: to expand the breadth and depth of coverage beyond the traditional handbooks on industrial engineering. The book begins with a general introduction with specific reference to the origin of industrial engineering and the ties to the Industrial Revolution. It covers the fundamentals of industrial engineering and the fundamentals of systems engineering. Building on this foundation, it presents chapters on manufacturing, production systems, and ergonomics, then goes on to discuss economic and financial analysis, management, information engineering, and decision making. Two new sections examine safety, reliability, quality, operations research, queuing, logistics, and scheduling. The book provides an updated collation of the body of knowledge of industrial

and systems engineering. The handbook has been substantively expanded from the 36 seminal chapters in the first edition to 56 landmark chapters in the second edition. In addition to the 20 new chapters, 11 of the chapters in the first edition have been updated with new materials. Filling the gap that exists between the traditional and modern practice of industrial and systems engineering, the handbook provides a one-stop resource for teaching, research, and practice.

Fundamentals of Engineering Economics Psychology Press

Strengthen family and community engagement to promote equity and increase student success! When schools, families, and communities collaborate and share responsibility for students' education, more students succeed in school. Based on 30 years of research and fieldwork, this fourth edition of a bestseller provides tools and guidelines to use to develop more effective and equitable programs of family and community engagement. Written by a team of well-known experts, this foundational text demonstrates a proven approach to implement and sustain inclusive, goal-oriented programs. Readers will find: Many examples and vignettes Rubrics and checklists for implementation of plans CD-ROM complete with slides and notes for workshop presentations