

Applied Engineering Economics Using Excel

By Merwan Mehta

Download Read Online

Applied Engineering Economics Using Excel By Merwan Mehta

This must-have textbook for students in mechanical, civil, and electrical engineering departments addresses issues not sufficiently covered by existing engineering economics texts. Clearly presenting fundamental concepts that engineering students need to master in one semester, the author effectively applies an incremental learning method, starting with resolving personal financial matters and gradually progressing to the complexities of engineering economic calculations. Ample 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.

Download Applied Engineering Economics Using Excel ...pdf

Read Online Applied Engineering Economics Using Excel ...pdf

Applied Engineering Economics Using Excel

By Merwan Mehta

Applied Engineering Economics Using Excel By Merwan Mehta

This must-have textbook for students in mechanical, civil, and electrical engineering departments addresses issues not sufficiently covered by existing engineering economics texts. Clearly presenting fundamental concepts that engineering students need to master in one semester, the author effectively applies an incremental learning method, starting with resolving personal financial matters and gradually progressing to the complexities of engineering economic calculations. Ample 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.

Applied Engineering Economics Using Excel By Merwan Mehta Bibliography

- Rank: #440365 in eBooks
- Published on: 2015-09-22
- Released on: 2015-09-22
- Format: Kindle eBook

Download Applied Engineering Economics Using Excel ...pdf

Read Online Applied Engineering Economics Using Excel ...pdf

Download and Read Free Online Applied Engineering Economics Using Excel By Merwan Mehta

Editorial Review

Review

Applied Engineering Economics Using Excel
By Merwan B. Mehta
This is one of the most innovative textbooks for teaching the fundamentals of engineering economics. Written clearly and concisely to allow a firm grasp of the concepts, this is a noncalculus-based book geared toward teaching undergraduate and graduate students with a wide range of technical backgrounds. It also is an excellent reference for students seeking a refresher course on the subject or for others interested in applying core principles to evaluating projects in the workplace.
Engineering economics can be described as a course for life. The book exemplifies this point of view by including many real-world examples that are useful in making decisions to benefit an organization, individual, or society. Each of the eleven chapters begins with a list of the concepts to be discussed, and these are built upon incrementally and are supported by gradually increasing the complexity of the exercises.
Merwan Mehta's approach is practical in nature, emphasizing the application of technology for problem solving, yet comprehensive enough to prepare students for future managerial roles that involve capital project decision-making. Educators who emphasize learning through problem-solving will find this book to be an invaluable resource in the classroom. It will be a keeper for many students who have the privilege of using it in a university course.
Overall, I felt that this was not just another textbook on engineering economy, but a practical guide and resource with a great deal of utility. I recommend it as a necessary addition to the library of anyone who has or will have the responsibility of evaluating and justifying technology and engineering projects to benefit a private enterprise or the public sector.
— Jeanne-Marie Lawrence, Teaching Instructor at East Carolina University

About the Author

Dr. Merwan Mehta, Ph.D., is a Certified Manufacturing Engineer (CMfgE) and Certified Six Sigma Black Belt (CSSBB). A professor in the College of Engineering and Technology at East Carolina University in Greenville, North Carolina, he has taught Engineering Economics at the undergraduate and graduate levels since 2004. Prior to joining academia, he spent more than twenty years in the manufacturing industry as a partner in two businesses, vice president, project director, manager, industrial and manufacturing engineer, and machine tool design engineer. Dr. Mehta conducts workshops internationally for Lean Six Sigma Green Belt and Black Belt certifications, total productive maintenance (TPM), value stream mapping (VSM), geometric dimensioning and tolerancing (GD&T), and design of experiments (DOE). He also serves as an examiner for the Missouri Quality Award based on the Baldrige Criteria. His research interests include enhancing manufacturing and business processes, using Lean principles and the theory of constraints, and the pursuit of quality and variation control through Six Sigma and DOE.

Users Review

From reader reviews:

James Stover:

Often the book Applied Engineering Economics Using Excel has a lot of information on it. So when you

read this book you can get a lot of benefit. The book was written by the very famous author. Mcdougal makes some research previous to write this book. That book very easy to read you may get the point easily after perusing this book.

Erin Harmon:

This Applied Engineering Economics Using Excel is brand-new way for you who has attention to look for some information given it relief your hunger details. Getting deeper you on it getting knowledge more you know or perhaps you who still having little bit of digest in reading this Applied Engineering Economics Using Excel can be the light food for you because the information inside this book is easy to get through anyone. These books produce itself in the form that is certainly reachable by anyone, yes I mean in the e-book web form. People who think that in guide form make them feel drowsy even dizzy this guide is the answer. So there is no in reading a book especially this one. You can find actually looking for. It should be here for you actually. So , don't miss the idea! Just read this e-book style for your better life and knowledge.

Marvin Davidson:

As a student exactly feel bored to be able to reading. If their teacher questioned them to go to the library as well as to make summary for some e-book, they are complained. Just small students that has reading's spirit or real their interest. They just do what the trainer want, like asked to the library. They go to presently there but nothing reading really. Any students feel that examining is not important, boring and also can't see colorful photos on there. Yeah, it is to get complicated. Book is very important for you. As we know that on this time, many ways to get whatever we really wish for. Likewise word says, many ways to reach Chinese's country. Therefore this Applied Engineering Economics Using Excel can make you truly feel more interested to read.

Debra McGregor:

What is your hobby? Have you heard in which question when you got scholars? We believe that that issue was given by teacher on their students. Many kinds of hobby, Everyone has different hobby. So you know that little person just like reading or as reading become their hobby. You need to understand that reading is very important and also book as to be the issue. Book is important thing to include you knowledge, except your current teacher or lecturer. You get good news or update concerning something by book. A substantial number of sorts of books that can you decide to try be your object. One of them are these claims Applied Engineering Economics Using Excel.

Download and Read Online Applied Engineering Economics Using Excel By Merwan Mehta #G7E6XCWYO1N

Read Applied Engineering Economics Using Excel By Merwan Mehta for online ebook

Applied Engineering Economics Using Excel By Merwan Mehta Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Applied Engineering Economics Using Excel By Merwan Mehta books to read online.

Online Applied Engineering Economics Using Excel By Merwan Mehta ebook PDF download

Applied Engineering Economics Using Excel By Merwan Mehta Doc

Applied Engineering Economics Using Excel By Merwan Mehta Mobipocket

Applied Engineering Economics Using Excel By Merwan Mehta EPub