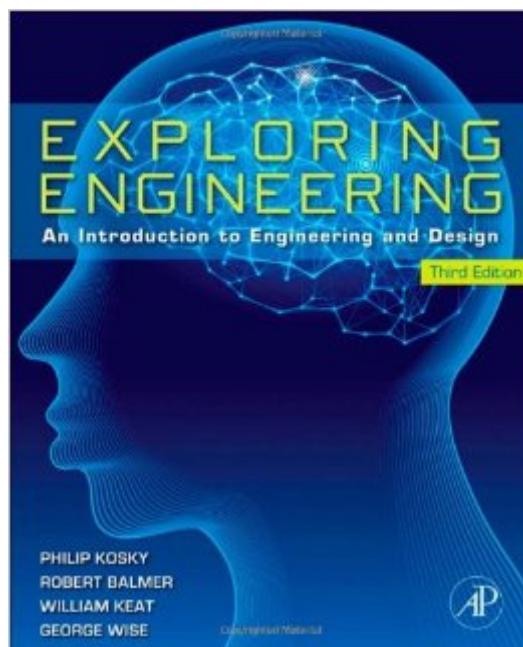


The book was found

Exploring Engineering, Third Edition: An Introduction To Engineering And Design



Synopsis

Engineers solve problems, and work on emerging challenges in a wide range of areas important to improving quality of life; areas like sustainable energy, access to clean water, and improved communications and health care technologies. Kosky et. al. explore the world of engineering by introducing the reader to what engineers do, the fundamental principles that form the basis of their work, and how they apply that knowledge within a structured design process. The three part organization of the text reinforces these areas, making this an ideal introduction for anyone interested in exploring the various fields of engineering and learning how engineers work to solve problems. NEW: Additional discussions on what engineers do, and the distinctions among engineers, technicians, and managers (Chapter 1) NEW: Re-organized and updated chapters in Part II to more closely align with specific engineering disciplines NEW: New chapters on emerging fields of engineering, including Bioengineering and Green Energy Engineering NEW: Discussions of Design for Six Sigma integrated into Part III on the design process An Engineering Ethics Decision Matrix is introduced in Chapter 1 and used throughout the book to pose ethical challenges and explore ethical decision-making in an engineering context Lists of "Top Engineering Achievements" and "Top Engineering Challenges" help put the material in context and show engineering as a vibrant discipline involved in solving societal problems

Book Information

Hardcover: 486 pages

Publisher: Academic Press; 3 edition (August 8, 2012)

Language: English

ISBN-10: 0124158919

ISBN-13: 978-0124158917

Product Dimensions: 7.5 x 1.1 x 9.3 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (5 customer reviews)

Best Sellers Rank: #682,649 in Books (See Top 100 in Books) #78 in Books > Engineering & Transportation > Engineering > Design #194 in Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering #293 in Books > Textbooks > Engineering > Environmental Engineering

Customer Reviews

Great text for our budding engineer.

Great product and seller. Showed up at my house way before the expected date of arrival. Very pleased with my purchase.

Practically new, but there is a new version out now

Great

Excellent, fast shipping. Book has everything I need.

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

Exploring Engineering, Third Edition: An Introduction to Engineering and Design Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Computer Organization and Design, Third Edition: The Hardware/Software Interface, Third Edition (The Morgan Kaufmann Series in Computer Architecture and Design) Exploring Everglades National Park and the Surrounding Area: A Guide to Hiking, Biking, Paddling, and Viewing Wildlife in the Region (Exploring Series) Exploring Microsoft Access 2013, Comprehensive (Exploring for Office 2013) Exploring: Microsoft Excel 2013, Comprehensive & MyITLab with Pearson eText -- Access Card -- for Exploring with Office 2013 Package Exploring Adobe InDesign CS6 (The Computing Exploring Series) Exploring: Microsoft Word 2013, Comprehensive (Exploring for Office 2013) Exploring Microsoft Office 2016 Volume 1 (Exploring for Office 2016 Series) Exploring the World of Astronomy: From Center of the Sun to Edge of the Universe (Exploring (New Leaf Press)) Modern Ceramic Engineering: Properties, Processing, and Use in Design, Third Edition (Materials Engineering) Third Eye Awakening: The Ultimate Guide on How to Open Your Third Eye Chakra to Experience Higher Consciousness and a State of Enlightenment (Third Eye, Pineal Gland, Chakra, Kundalini) Exploring Package Design (Design Exploration Series) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series [Hardcover])(2008) Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) Computers as Components, Third Edition: Principles of Embedded

Computing System Design (The Morgan Kaufmann Series in Computer Architecture and Design)

Product Design for Manufacture and Assembly, Third Edition (Manufacturing Engineering and Materials Processing)

[Dmca](#)