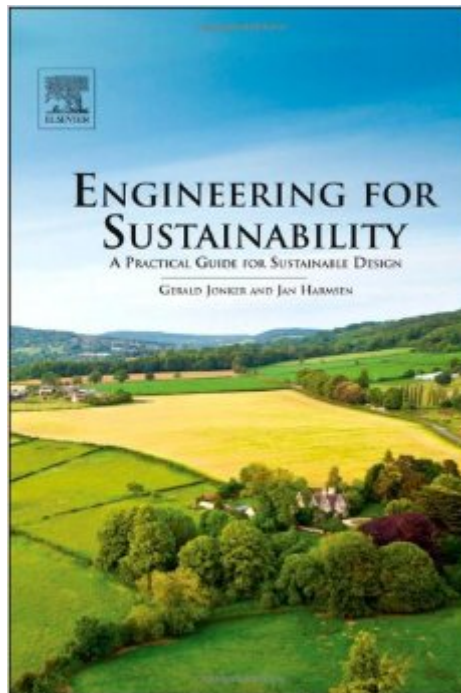


The book was found

Engineering For Sustainability: A Practical Guide For Sustainable Design



Synopsis

This book provides engineers with the necessary information to design sustainable processes, products and value chains. It describes the current consensus on sustainable development for four context levels: Planet, Society, Business, and Engineers. It also presents all required design steps: from problem definition, via synthesis of potential solutions, analysis of solutions, improvements to the final solution evaluation. For each design step, methods and guidelines are provided in relation to the goal of obtaining a sustainable solution; a solution that meets both the needs of people and all specific context constraints with regard to the planet and prosperity. Provides information on the current consensus on sustainable development for four context levels: Planet, Society, Business and Engineers Offers guidelines for analyzing problems and identifying the best solution for each problem as applicable to a specific situation Provides clear design procedures for implementation of a particular solution Helps engineers to come up with profitable designs which meet environmental constraints Presents the information that engineers need to meet energy, water, food, health, and other basic human needs

Book Information

Hardcover: 122 pages

Publisher: Elsevier; 1 edition (May 18, 2012)

Language: English

ISBN-10: 0444538461

ISBN-13: 978-0444538468

Product Dimensions: 6.1 x 0.5 x 9 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,772,335 in Books (See Top 100 in Books) #206 in Books > Engineering & Transportation > Engineering > Design #668 in Books > Science & Math > Chemistry > Industrial & Technical #911 in Books > Textbooks > Engineering > Environmental Engineering

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

Engineering for Sustainability: A Practical Guide for Sustainable Design Solar Power: How to Save A LOT of Money the Easy Way (Solar Power, Save Money, Solar Energy, Solar, Sustainable Energy, Sustainable Homes, Sustainability) Batteries for Sustainability: Selected Entries from the Encyclopedia of Sustainability Science and Technology Sustainable Transportation Planning: Tools for Creating Vibrant, Healthy, and Resilient Communities (Wiley Series in Sustainable Design)

Nematode Pathogenesis of Insects and Other Pests: Ecology and Applied Technologies for Sustainable Plant and Crop Protection (Sustainability in Plant and Crop Protection) Scrumptious & Sustainable Fishcakes: A Collection of the Best Sustainable Fishcake Recipes from Canadian Chefs, Coast to Coast (Flavours Cookbook) Sustainable Micro Irrigation: Principles and Practices (Research Advances in Sustainable Micro Irrigation) Tropical Soils: Properties and Management for Sustainable Agriculture (Topics in Sustainable Agronomy) Sustainable Engineering: Concepts, Design and Case Studies Large-Scale Solar Power Systems: Construction and Economics (Sustainability Science and Engineering) Daylighting Design in the Pacific Northwest (Sustainable Design Solutions from the Pacific Northwest) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Microprocessor Design: A Practical Guide from Design Planning to Manufacturing (Professional Engineering) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) Sustainable Design: A Critical Guide (Architecture Briefs) Sulfur Concrete for the Construction Industry: A Sustainable Development Approach (Civil & Environmental Engineering) Engineering IT-Enabled Sustainable Electricity Services: The Tale of Two Low-Cost Green Azores Islands (Power Electronics and Power Systems) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) LEED v4 BD&C Mock Exam: Questions, answers, and explanations: A must-have for the LEED AP BD+C Exam, green building LEED certification, and sustainability (LEED Exam Guide Series) (Volume 3) The Sustainability Handbook: The Complete Management Guide To Achieving Social, Economic and Environmental Responsibility (Environmental Law Institute)

[Dmca](#)