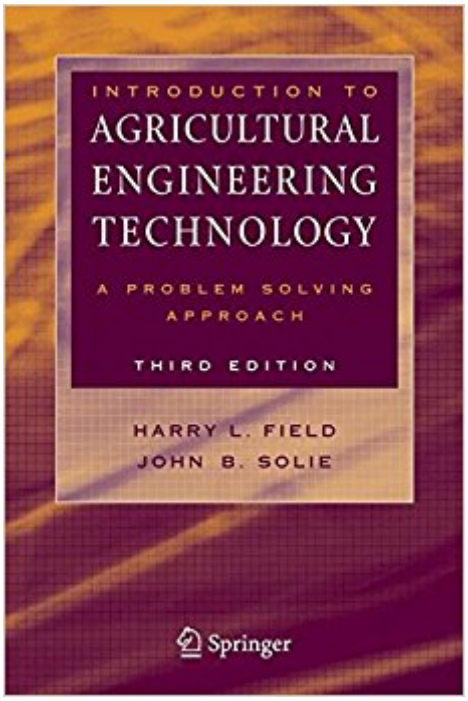
Introduction To Agricultural Engineering Technology: A Problem Solving Approach



Synopsis

The third edition of this book exposes the reader to a wide array of engineering principles and their application to agriculture. It presents an array of more or less independent topics to facilitate daily assessments or quizzes, and aims to enhance the students' problem solving ability. Each chapter contains objectives, worked examples and sample problems are included at the end of each chapter. This book was first published in the late 60's by AVI. It remains relevant for post secondary classes in Agricultural Engineering Technology and Agricultural Mechanics, and secondary agriculture teachers.

Book Information

Paperback: 391 pages

Publisher: Springer; 3rd edition (June 6, 2007)

Language: English

ISBN-10: 0387369139

ISBN-13: 978-0387369136

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #244,287 in Books (See Top 100 in Books) #219 inÃ Â Books > Textbooks > Science & Mathematics > Agriculture #540 inÃ Â Books > Science & Math > Agricultural Sciences > Food Science #915 inÃ Â Books > Science & Math > Chemistry > General & Reference

Customer Reviews

Introduction to Agricultural Engineering Technology: A problem Solving Approach is an invaluable text for agriculture students at the introductory level. The third edition has been thoroughly updated and reorganized to meet the current units and standards of the American Society of Agricultural and Biological Engineers (ASABE). The book aims to: Familiarize students with a wide range of applications of engineering principles to agriculture Discuss a selection of independent but related topics Advance studentsÃƒÂ¢Ã¢â Â¬Ã¢â Â¢ problem solving abilities Each chapter lists education objects, introductory material, and example problems where appropriate. In addition problems using ISO (metric) units, are now included. About the Authors: Harry L. Field is an Associate Professor of Agricultural Mechanics in the Department of Biosystems and Agricultural Engineering at Oklahoma State University. John B. Solie is a Professor of Biomachinery in the Department of Biosystems and Agricultural Engineering at Oklahoma State University.

Harry L. Field is an Associate Professor of Agricultural Mechanics in the Department of Biosystems and Agricultural Engineering at Oklahoma State University. John B. Solie is a Professor of Biomachinery in the Department of Biosystems and Agricultural Engineering at Oklahoma State University.

Pros: Covers a very wide breadth of topics of interest for biosystems & agricultural engineering studentsCons: So chock full of errors that reading it end to end might leave you thinking up is down

Introduction to Agricultural Engineering Technology: A Problem Solving Approach CRITICAL THINKING: A Beginner's Guide To Critical Thinking, Better Decision Making, And Problem Solving ! (critical thinking, problem solving, strategic thinking, decision making) Clinical Problem Solving in Orthodontics and Paediatric Dentistry, 2e (Clinical Problem Solving in Dentistry) Clinical Problem Solving in Orthodontics and Paediatric Dentistry - E-Book (Clinical Problem Solving in Dentistry) Clinical Problem Solving in Periodontology and Implantology, 1e (Clinical Problem Solving in Dentistry) Introduction to Engineering Design and Problem Solving (BEST Basic Engineering Series & Tools) Introduction to Orthotics: A Clinical Reasoning and Problem-Solving Approach, 4e (Introduction to Splinting) Illustrating for Science: "A Problem-Solving Approach to Rendering Subjects in Biology, Chemistry, Physics , Astronomy, Space Technology, Medicine, Geology and Architecture" Economics of Agricultural Development: World Food Systems and Resource Use (Routledge Textbooks in Environmental and Agricultural Economics) Fundamentals of Agricultural Development: Chapter 1 of Agricultural Options for Small-Scale Farmers Genetically Modified Crops and Agricultural Development (Palgrave Studies in Agricultural Economics and Food Policy) Introduction to Polymer Science and Chemistry: A Problem-Solving Approach, Second Edition Introduction to Splinting: A Clinical-Reasoning & Problem-Solving Approach Introduction to Splinting: A Clinical Reasoning and Problem-Solving Approach, 3e Ancient Agricultural Technology: From Sickles to Plows (Technology in Ancient Cultures) Agricultural Engineering and Feeding the Future (Engineering in Action) Engineering Fundamentals and Problem Solving Metal Fatigue Analysis Handbook: Practical Problem-solving Techniques for Computer-aided Engineering Engineering Problem-Solving 101: Time-Tested and Timeless Techniques Engineering Problem-Solving 101: Time-Tested and Timeless Techniques: Time-Tested and Timeless Techniques