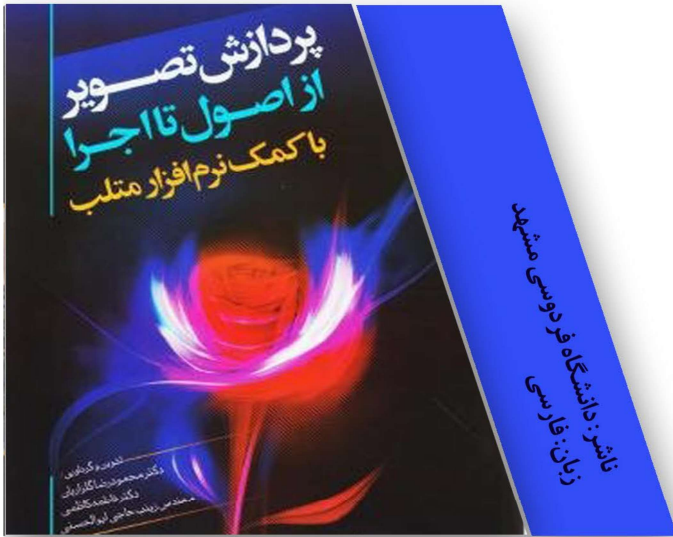


Emerging Technologies in Agricultural Engineering (Innovations in Agricultural & Biological Engineering)

This book covers an array of issues on emerging agricultural engineering and technology, featuring new research and studies. The volume is broken into three parts: emerging technologies, energy management in agriculture, and management of natural resources, in which particular attention is paid to water management, a necessary consideration for successful crop production, especially in water-scarce regions.

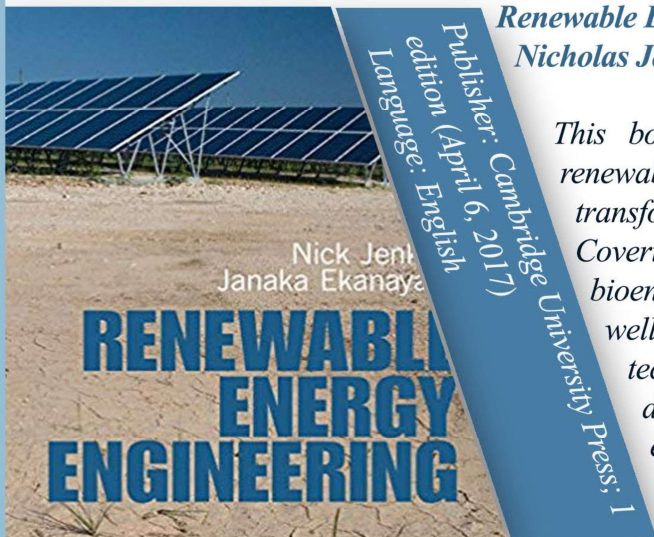


پردازش تصویر از اصول تا اجرا با کمک نرم افزار متلب
محمود رضا گلزاریان، زینب حاجی ابوالحسنی، فاطمه کاظمی

Postharvest Technology and Engineering: An Illustrated Guide

Post harvest is the time that begins with separation of commodity from growing of production medium like fruits / vegetables from the plants, fishes from ponds etc. The term post harvest technology means the use of science and technology for the management of food commodities including pre-cooling, grading, sorting, packaging, transportation, storage, processing, and development of improved product, preservation and marketing etc. The use of the information generated by the techniques of Post Harvest Technology can ensure greater availability of a wide variety of food to the consumers with reduced post harvest losses.



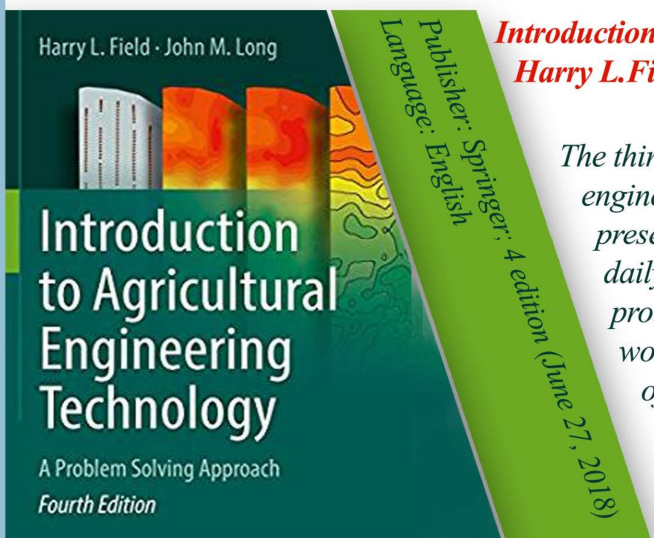
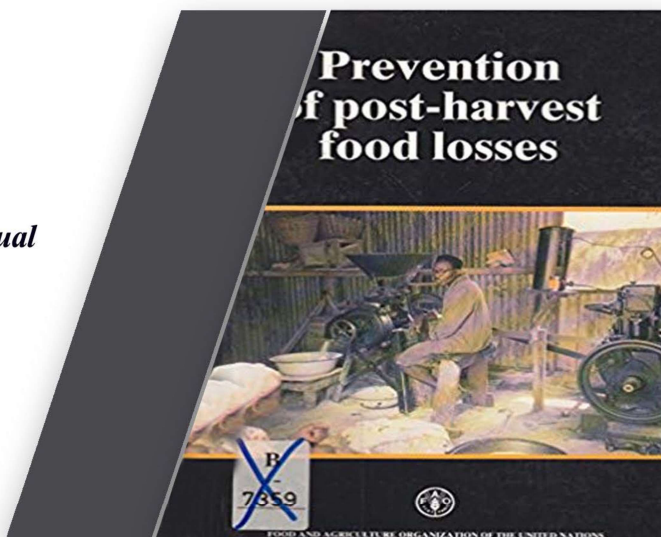


Renewable Energy Engineering
Nicholas Jenkins, Janaka Ekanayake

This book provides a quantitative yet accessible overview of renewable energy engineering practice and the technologies that will transform our energy supply system over the coming years.

Covering wind, hydro, solar thermal, photovoltaic, ocean and bioenergy, the text is suitable for engineering undergraduates as well as graduate students from other numerate degrees. The technologies involved, background theory and how projects are developed, constructed, and operated are described. Worked examples of the simple techniques used to calculate the output of renewable energy schemes engage students by showing how theory relates to real applications...

Prevention of Post Harvest Food Losses: A Training Manual
(FAO TRAINING SERIES)



Introduction to agricultural engineering technology
Harry L. Field, John M. Long

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.