

1. Record Nr.	UNISA996308764503316
Autore	Brodie Graham
Titolo	Microwave and radio-frequency technologies in agriculture : an introduction for agriculturalists and engineers // Graham Brodie, Mohan V. Jacob, Peter Farrell ; managing editor, Magdalena Golachowska
Pubbl/distr/stampa	De Gruyter, 2015 Berlin : , : De Gruyter Open Ltd., , 2015
ISBN	3-11-045547-1
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Section 1: General Introduction -- 1 Introduction -- 2 Some Brief Examples of Technical Innovation in Agricultural Industries -- 3 A Brief Overview of Radio Frequency and Microwave Applications in Agriculture -- 4 Microwaves and their Interactions with Materials -- Section 2: Non-destructive Characterisation using Electromagnetic Waves -- 5 Section Introduction -- 6 Techniques for Measuring Dielectric Properties -- 7 Dielectric Properties of Organic Materials -- 8 Insect and Decay Detection -- 9 Moisture Monitoring -- 10 Radar Imaging -- 11 Electromagnetic Survey Techniques -- Section 3: Dielectric Heating -- 12 Section Introduction -- 13 Dielectric Heating -- 14 Simultaneous Heat and Moisture Movement -- 15 Microwave Drying -- 16 Radio Frequency and Microwave Processing of Food -- 17 Microwave Applicators -- 18 Quarantine and Biosecurity -- 19 Weed Management -- 20 Treatment of Animal Fodder -- 21 Wood Modification -- 22 Microwave Assisted Extraction -- 23 Thermal Processing of Biomass -- Section 4: Automatic Data Acquisition and Wireless Sensor Networks -- 24 Section Introduction -- 25 Data Acquisition -- 26 Radio Frequency and Microwave Communication Systems -- 27 Wireless Ad Hoc Sensor Networks -- 28 RFID Systems -- 29 Conclusions

Sommario/riassunto

Humanity's ability to produce enough food is mostly due to adoption of new methods and technologies by the agricultural industries as they became available. New information, communication and high speed processing and precision agriculture technologies have the potential to transform the agricultural industry. These technologies incorporate radio-frequency and microwave radiation into their systems. This book presents an overview of how these technologies are being used in agricultural systems. The main purpose of the book is to provide a glimpse of what is possible and encourage practitioners in the engineering and agricultural industries to explore how radio-frequency and microwave systems might further enhance the agricultural industry. The authors have extensive experience in agricultural and microwave engineering, instrumentation and communication systems.

2. Record Nr.	UNISA996248081903316
Autore	Kessler-Harris Alice
Titolo	A Woman's Wage : Historical Meanings and Social Consequences / / Alice Kessler-Harris
Pubbl/distr/stampa	Lexington, Kentucky : , : The University Press of Kentucky, , 1990 ©1990
ISBN	0-8131-5853-2 0-8131-0551-X
Descrizione fisica	1 online resource (184 p.)
Collana	Blazer Lectures Blazer lectures ; ; 1988
Disciplina	331.4/2973/0904 331.429730904
Soggetti	Wages - Women - United States - History - 20th century
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- 1. The Wage Conceived: Value and Need as Measures of a Woman's Worth -- 2. Law and a Living: The Gendered Content of "Free Labor" in the Progressive Period -- 3. Providers: An Exploration of

Sommario/riassunto

In this pathbreaking book, Alice Kessler-Harris explores the meanings of women's wages in the United States in the twentieth century, focusing on three sets of issues that capture the transformation of women's roles: the battle over minimum wage for women, which exposes the relationship between family ideology and workplace demands; the argument over equal pay for equal work, which challenges gendered patterns of self-esteem and social organization; and the current debate over comparable worth, which seeks to incorporate traditionally female values into new work and family trajectories.
