

1. Record Nr.	UNINA9910495204903321
Titolo	Agricultural Internet of things : technologies and applications / / editors, Yong He [and three others]
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-65702-7
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 439 p. 184 illus., 133 illus. in color.)
Collana	Agriculture automation and control
Disciplina	635
Soggetti	Agriculture - Automation Agricultura de precisió Internet de les coses Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1.Introduction of Agricultural IoT -- 2.Agricultural IoT Standardization and System Applications -- 3.Data Communication and Networking Technologies -- 4.Soil Information Sensing Technology -- 5.Crop Information Sensing Technology -- 6.Field Condition Sensing Technology -- 7.Livestock and Aquaculture Information Sensing Technology -- 8.Agricultural Information Processing Technology -- 9.Agricultural Decision-Making Methods and Systems -- 10.IoT Management of Field Crops and Orchards -- 11.Plant Factory IoT Management -- 12.Livestock and Aquaculture IoT Systems -- 13.Agricultural Products Traceability System Applications -- 14.Integrated IoT Applications Platform Based on Cloud Technology and Big Data.
Sommario/riassunto	Internet of things (IoT) is a new type of network that combines communication technology, expanded applications, and physical devices. Among them, agriculture is one of the most important areas in the application of the IoT technology, which has its unique requirements and integration features. Compared to the information technology in traditional agriculture, the agricultural IoT mainly refers to industrialized production and sustainable development under relatively controllable conditions. Agricultural IoT applies sensors, RFID,

visual capture terminals and other types of sensing devices to detect and collect site information, and with broad applications in field planting, facility horticulture, livestock and poultry breeding, aquaculture and agricultural product logistics. It utilizes multiple information transmission channels such as wireless sensor networks, telecommunications networks and the internet to achieve reliable transmission of agricultural information at multiple scales and intelligently processes the acquired, massive information. The goals are to achieve (i) optimal control of agricultural production process, (ii) intelligent electronic trading of agricultural products circulation, and (iii) management of systematic logistics, quality and safety traceability. This book focuses on three levels of agricultural IoT network: information perception technology, information transmission technology and application technology. .

2. Record Nr.	UNINA9910795817803321
Autore	Ching Francis D. K. <1943->
Titolo	Building construction illustrated / / Francis D. K. Ching
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley & Sons, Inc., , [2014] 2014
ISBN	9781118740071 1118740076
Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (482 pages) : illustrations
Disciplina	690
Soggetti	Building House construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	"The classic visual guide to the basics of building construction, now with a 3D digital building model for interactive learningFor over three decades, Building Construction Illustrated has offered an outstanding introduction to the principles of building construction. This new edition

of the revered classic remains as relevant as ever, providing the latest information in Francis D.K. Ching's signature style. Its rich and comprehensive approach clearly presents all of the basic concepts underlying building construction. New to this edition are digital enhancements delivered as an online companion to the print edition and also embedded in e-book editions. Features include a 3D model showing how building components come together in a final project. Illustrated throughout with clear and accurate drawings that present the state of the art in construction processes and materials Updated and revised to include the latest knowledge on sustainability, incorporation of building systems, and use of new materials Contains archetypal drawings that offer clear inspiration for designers and drafters Reflects the 2012 International Building Codes and 2012 LEED system This new edition of Building Construction Illustrated remains as relevant as ever, with the most current knowledge presented in a rich and comprehensive manner that does not disappoint"--

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