



Environmental Control for Plants using Intelligent Control Systems

By Ibrahim A. Hameed

GRIN Verlag Mrz 2012, 2012. Taschenbuch. Book Condition: Neu. 210x148x10 mm. This item is printed on demand - Print on Demand Neuware - Master's Thesis from the year 2005 in the subject Engineering - Artificial Intelligence, grade: MSc, - (Menoufia University - Faculty of Electornics Engineering - Dept. of Industrial Electronics and Control Engineering), course: Intelligent Control, language: English, abstract: [...] In practice, conventional controllers were used to control the system however their parameters are empirically adjusted. Besides, the operation of these controllers relies on the measurements provided by sensors located inside and near the greenhouse. If the information provided by one or several of these sensors is erroneous, the controllers will not operate properly. Similarly, failure of one or several of the actuators to function properly will impair the greenhouse operation. Therefore, an automatic diagnosis system of failures in greenhouses is proposed. The diagnosis system is based on deviations observed between measurements performed in the system and the predictions of a model of the failure-free system. This comparison is done through a bank of fuzzy observers, where each observer becomes active to a specific failure signature and inactive to the other failures. Neural networks are used to develop a model for the failure-free greenhouse. The main objective of this...



READ ONLINE
[1.77 MB]

Reviews

This book is fantastic. It normally fails to price excessive. Your daily life span will likely be enhance once you total reading this publication.

-- **Heath Prosacco**

It is really an amazing pdf which i have possibly go through. Indeed, it really is play, nevertheless an amazing and interesting literature. I am just very happy to let you know that this is the best ebook i have got study in my very own life and might be he very best ebook for actually.

-- **Evan Sporer**

Relevant Kindle Books



[Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph](#)

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!



[I will read poetry the \(Lok fun children's books: Press the button. followed by the standard phonetics poetry 40\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: Unknown Publisher: the Future Publishing basic information Original Price: 88.00 yuan Author: Publisher: Future Publishing ISBN: 9.787.541.745.522 Yema:...



[Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success](#)

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...



[Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age](#)

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video Games. iPods. Kids today are plugged into...



[Robert Ludlum's The Bourne Objective \(Jason Bourne Novels\)](#)

Orion, 2011. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders are dispatched Monday â" Friday. FREE Returns...



[Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus \(I Can Read Book 2\)](#)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How and Which Niche? Market Analysis: Who Are...