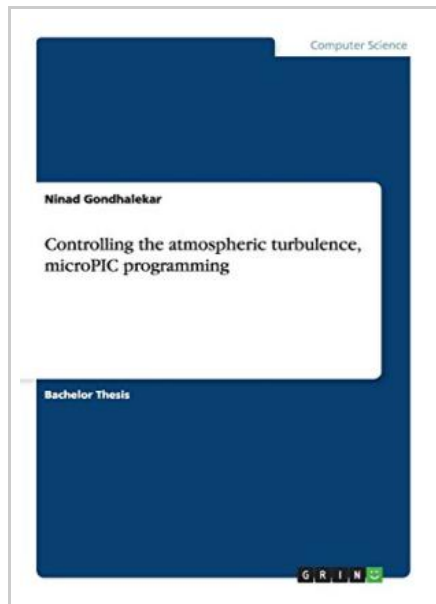




Controlling the atmospheric turbulence, microPIC programming

By Ninad Gondhalekar

GRIN Verlag GmbH Dez 2014, 2014. Taschenbuch. Book Condition: Neu. 211x149x6 mm. Neuware - Bachelor Thesis from the year 2013 in the subject Computer Science - Programming, Northumbria University, course: BEng. Electrical and Electronic Engineering (Hons.), language: English, abstract: Chamber is used to study atmospheric turbulence effects on FSO signals and this experiment is done inside the laboratory to avoid the interference of sunlight light and also it is hard to create turbulence outside laboratory as outside temperature and pressure will affect the turbulence created inside this chamber. This project is all about controlling all parameters (temperature, pressure, humidity) using sensors, fans, thermistors through embedded circuit. As observed from previous work, high end microPIC (PIC18 series) although it has many functionality and large program memory size, it is hard to control all sensors, fans, thermistor using 1 PIC1866K80, So in this project mid-range PIC (PIC16 series) are used to control sensors, fans and thermistors. In this project, temperature, humidity, pressure sensors are controlled by different microcontrollers and taking their reading to manage the performance of PWM fans and thermistors inside the chamber. These components are very important to configure and monitor the atmospheric condition inside the chamber. This project focuses...



READ ONLINE
[1.97 MB]

Reviews

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- **Dr. Kadin Hane DVM**

This publication may be worth purchasing. it was actually writtern quite flawlessly and valuable. I am just happy to tell you that this is actually the very best book i actually have study inside my personal life and can be he best ebook for actually.

-- **Frank Nienow**

Other Books



[Psychologisches Testverfahren](#)

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



[Programming in D](#)

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



[The Java Tutorial \(3rd Edition\)](#)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has...



[Dont Be Bully!](#)

Full Circle, New Delhi, India. Softcover. Book Condition: New. Brave little Kamya protects Tia from the school bully Josh and proves to be a true friend. Don't be a bully, is a story to#inspire young minds to fight bullying without fear.Mr. Licks...



[Adobe Indesign CS/Cs2 Breakthroughs](#)

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and users are hungry for breakthrough solutions to...



[Have You Locked the Castle Gate?](#)

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal your information, or plant a virus Have...