

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910457698903321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Autore                  | Morton John <1980->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Titolo                  | The PIC microcontroller [[electronic resource] ] : your personal introductory course / / John Morton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pubbl/distr/stampa      | Amsterdam ; ; Boston, : Elsevier/Newnes, c2005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ISBN                    | 1-281-01653-5<br>9786611016531<br>0-08-047375-X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Edizione                | [3rd ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Descrizione fisica      | 1 online resource (239 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Altri autori (Persone)  | MortonJohn <1980->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Disciplina              | 629.8/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Soggetti                | Programmable controllers<br>Integrated circuits - Design and construction<br>Microelectronics<br>Microcomputers - Circuits<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Note generali           | Revised ed. of: PIC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di contenuto       | Front Cover; Dedication; The PIC Microcontroller: Your Personal Introductory Course; Copyright Page; Table of Contents; Acknowledgements; Preface to the third edition; Chapter 1. Introduction; Some tips before starting; Initial steps; The file registers; A program template; Chapter 2. Exploring the PIC5x series; Your first program; Testing the program; Hardware; Using the testing instructions; Timing; Seven-segment displays; The program counter; Subroutines and the stack; Logic gates; The watchdog timer; Final instructions; The STATUS file register; The carry and digit carry flags; Pages<br>What caused the reset? Indirect addressing; Some useful (but not vital) tricks; Final PIC5x program - 'Bike buddy'; Chapter 3. The PIC12F50x series (8-pin PIC microcontrollers); Differences from the PIC16F54; Example project: 'PIC dice'; Chapter 4. Intermediate operations using the PIC12F675; The inner differences; Interrupts; EEPROM; Analogue to digital conversion; Comparator module; Final project: Intelligent garden lights; Chapter 5. Advanced operations and the future; Extra timers: |

TMR1 & ...; Capture/Compare/PWM; USART: Serial communication;  
Programming tips  
Chapter 6. A PIC development environment Chapter 7. Sample  
programs; Program A LedOn - Turns an LED on; Program B PushButton  
(1.0) - If a push button is pressed, turns on an LED; Program C  
PushButton (2.0) - Shorter version of PushButton 1.0; Program D  
Timing - LED states toggled every second, and buzzer on every five  
seconds; Program E Traffic - Pedestrian traffic lights junction is  
simulated; Program F Counter (1.0) - Counts signals from a push  
button, resets after 16; Program G Counter (2.0) - Stop reading button  
twice (otherwise, as Counter 1.0)  
Program H Counter (3.0) - Solves button bounce (otherwise, as Counter  
2.0) Program I StopClock - A stop clock displaying tenths of seconds to  
minutes; Program J LogicGates - Acts as the eight different gates;  
Program K Alarm - An alarm system which can be set or disabled;  
Program L BikeBuddy - A speedometer and mileometer for bikes;  
Program M PIC Dice - A pair of dice are simulated; Program N Quiz -  
Indicates which of three push buttons has been pressed first; Program  
O Phonecard - To act like a phonecard which decrements a file register  
Program P TempSense - Displays whether temperature is too hot, too  
cold or OK Program Q; Appendix A: Specifications of some Flash PIC  
microcontrollers; Appendix B: Pin layouts of some Flash PIC  
microcontrollers; Appendix C: Instructions glossary; Appendix D:  
Number system conversion; Appendix E: Bit assignments of various file  
registers; Appendix F: If all else fails, read this; Appendix G: Contacts  
and further reading; Appendix H: PICKitTM 1 & BFMP Info; Appendix I:  
Answers to the exercises; Appendix J: Some BASIC commands in  
assembly; Index

---

## Sommario/riassunto

John Morton offers a uniquely concise and practical guide to getting up  
and running with the PIC Microcontroller. The PIC is one of the most  
popular of the microcontrollers that are transforming electronic project  
work and product design, and this book is the ideal introduction for  
students, teachers, technicians and electronics enthusiasts. Assuming  
no prior knowledge of microcontrollers and introducing the PIC  
Microcontroller's capabilities through simple projects, this book is ideal  
for electronics hobbyists, students, school pupils and technicians. The  
step-by-step explanation

---

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Record Nr.           | UNINA9910703696403321                                                                                                                                                                 |
| Titolo                  | Department of Energy, enhanced transparency could clarify costs, market impact, risk, and legal authority to conduct future uranium transactions : report to congressional requesters |
| Pubbl/distr/stampa      | [Washington, D.C.] : , : United States Government Accountability Office, , 2014                                                                                                       |
| Descrizione fisica      | 1 online resource (iii, 106 pages) : color illustrations                                                                                                                              |
| Soggetti                | Nuclear fuels - United States<br>Uranium                                                                                                                                              |
| Lingua di pubblicazione | Inglese                                                                                                                                                                               |
| Formato                 | Materiale a stampa                                                                                                                                                                    |
| Livello bibliografico   | Monografia                                                                                                                                                                            |
| Note generali           | Title from title screen (viewed Mar. 5, 2015).<br>"May 2014."<br>"GAO-14-291."                                                                                                        |
| Nota di bibliografia    | Includes bibliographical references.                                                                                                                                                  |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Record Nr.           | UNINA9910151563503321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Autore                  | Schuck Peter <1965, >                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Titolo                  | Sedimentation velocity analytical ultracentrifugation : discrete species and size-distributions of macromolecules and particles / / Peter Schuck                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pubbl/distr/stampa      | Boca Raton, Fla. : , : CRC Press, Taylor & Francis Group, , [2016]<br>©2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ISBN                    | 1-315-35012-2<br>0-367-87828-3<br>1-315-36723-8<br>9781315367231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Edizione                | [1st ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Descrizione fisica      | 1 online resource (267 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Disciplina              | 572                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Soggetti                | Ultracentrifugation<br>Macromolecules - Analysis<br>Nanoparticles - Analysis<br>Sedimentation analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nota di contenuto       | Chapter 1. Basic analysis principles -- Chapter 2. Sedimentation of discrete non-interacting particles -- Chapter 3. Properties of sedimentation coefficient distributions -- Chapter 4. Distributions of non-diffusing particles -- Chapter 5. Distributions of diffusing particles -- Chapter 6. Sedimentation coefficient distributions from boundary derivatives and extrapolations -- Chapter 7. Multi-component distributions -- Chapter 8. Practical analysis of non-interacting systems.                                                              |
| Sommario/riassunto      | The analysis of sedimentation velocity analytical ultracentrifugation has fundamentally changed in the last two decades, with the ability to solve the master equation of the sedimentation/diffusion process and the application of modern mathematical data analysis strategies substantially increasing hydrodynamic resolution of sedimenting particles. This book provides a systematic introduction to the theory of sedimentation velocity, and a comprehensive overview of experimental design strategies and data analysis. Areas of major focus are |

polydisperse macromolecules and nanoparticles, and the sedimentation of systems of reversibly interacting macromolecules, including protein interactions--

---