

1. Record Nr.	UNINA9911114481403321
Autore	Azizi Aydin
Titolo	Intelligent Mechatronic Control Systems // edited by Aydin Azizi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026
ISBN	981-9539-25-0 9789819539253
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (286 pages)
Collana	Emerging Trends in Mechatronics, , 2731-4863
Altri autori (Persone)	Azizi
Disciplina	629.8
Soggetti	Automatic control Robotics Automation Artificial intelligence Neural networks (Computer science) Control, Robotics, Automation Artificial Intelligence Mathematical Models of Cognitive Processes and Neural Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Design of an Artificial Intelligence-based Controller for Stationary Battery Packs -- Modelling and control of a robotic arm utilizing artificial neural networks -- Design an MRC/Fuzzy Logic Controller to control an Active Suspension -- Study and Optimisation of Electric Torque Vectoring System in an FSAE Race Car -- Design and analysis of Fuzzy Logic Controlled Active Suspension -- Design a fuzzy logic controller for an active suspension system -- The Project-Based Learning Approach: A Case Study on the Design of the Advanced Engineering Module to Meet Industry 5.0 Requirements -- An Application on Performance Analysis of Fibonacci and Golden Ratio Algorithms in Root Finding Methods -- Improved Positioning of an Unmanned Vehicle by Distance-Based Differential GPS -- Water Level Tracking System by Using Online Arduino.
Sommario/riassunto	This book presents cutting-edge research and practical innovations in the field of mechatronic systems, particularly focusing on intelligent

mechatronic control systems. It addresses both theoretical foundations and real-world applications, ranging from artificial intelligence and hybrid energy systems to diagnostics, robotics, and control strategies. This book offers a substantial contribution to the academic and engineering community, fostering future advancements and collaborative research opportunities.

2. Record Nr.	UNINA9911138437903321
Titolo	Evidence-based behavioral health practices for older adults : a guide to implementation / / edited by Sue Levkoff ... [et al.]
Pubbl/distr/stampa	New York, : Springer Pub., 2006
ISBN	1-280-74476-6 9786610744763 0-8261-6966-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (256 p.)
Altri autori (Persone)	LevkoffSue
Disciplina	618.97/689
Soggetti	Older people - Mental health Older people - Mental health services Preventive mental health services for older people Evidence-based psychiatry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; TOC Contents; Contributors; Foreword; Acknowledgments; Introduction; CH CHAPTER 1 Selecting an Evidence-Based Practice; CH CHAPTER 2 Assessing Feasibility; CH CHAPTER 3 Quality Management in Evidence-Based Service Programs; CH CHAPTER 4 Culturally Grounding Evidence-Based Practice; CH CHAPTER 5 Evidence-Based Practices for the Assessment and Treatment of Depression, Anxiety, and Substance Use Disorders; CH CHAPTER 6 Evidence-Based Practices for Dementia and Schizophrenia; CH CHAPTER 7 Evidence-Based Practices by Service Delivery Process CH CHAPTER 8 Evidence-Based Practices Within Special SettingsCH

Sommario/riassunto

The first book on implementation of Evidence Based Practices, this book supports the nation-wide effort to improve services for older Americans in response to the expansion of the aging population and the increasing demand for cost-effective geriatric mental health care. It presents the critically needed guidance for behavioral health care providers to successfully implement EBPs and principles in real-world clinical service settings and provides a system approach to successful EBPs.
