

1. Record Nr.	UNINA9910141404303321
Autore	Luo Ying <1973->
Titolo	Fractional order motion controls [[electronic resource] /] / Ying Luo, YangQuan Chen
Pubbl/distr/stampa	Chichester, West Sussex, United Kingdom, : John Wiley & Sons Ltd., 2012
ISBN	1-118-38771-6 1-118-38772-4 1-283-65633-7 1-118-38770-8
Descrizione fisica	1 online resource (472 p.)
Altri autori (Persone)	ChenYangquan <1966->
Disciplina	629.8
Soggetti	Motion control devices Incremental motion control
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	Fractional Order Motion Controls; Contents; Foreword; Preface; Acknowledgments; Acronyms; PART I FUNDAMENTALS OF FRACTIONAL ORDER CONTROLS; 1 Introduction; 1.1 Fractional Calculus; 1.1.1 Definitions and Properties; 1.1.2 Laplace Transform; 1.1.3 Fractional Order Dynamic Systems; 1.1.4 Stability of LTI Fractional Order Systems; 1.2 Fractional Order Controls; 1.2.1 Why Fractional Order Control?; 1.2.2 Basic Fractional Order Control Actions; 1.2.3 A Historical Review of Fractional Order Controls; 1.3 Fractional Order Motion Controls; 1.4 Contributions; 1.5 Organization PART II FRACTIONAL ORDER VELOCITY CONTROLS2 Fractional Order PI Controller Designs for Velocity Systems; 2.1 Introduction; 2.2 The FOPTD System and Three Controllers Considered; 2.3 Design Specifications; 2.4 Fractional Order PI and [PI] Controller Designs; 2.4.1 Integer Order PID Controller Design; 2.4.2 Fractional Order PI Controller Design; 2.4.3 Fractional Order [PI] Controller Design; 2.5 Simulation; 2.6 Chapter Summary; 3 Tuning Fractional Order PI Controllers for Fractional Order Velocity Systems with Experimental Validation; 3.1 Introduction

3.2 Three Controllers to be Designed and Tuning Specifications  
 3.3 Tuning Three Controllers for FOVS; 3.4 Illustrative Examples and Design Procedure Summaries; 3.4.1 Fractional Order [PI] Controller Design Procedures; 3.4.2 Fractional Order PI Controller Design Procedures; 3.4.3 Integer Order PID Controller Design Procedures; 3.5 Simulation Illustration; 3.5.1 Case-1s Simulation Tests for the Designed FOPI and FO[PI] Controllers with  $\omega_c = 10$  rad/s and  $\omega_m = 50$ ?; 3.5.2 Case-2s Simulation Tests for the Designed IOPID and FOPI and FO[PI] Controllers with  $\omega_c = 15$  rad/s and  $\omega_m = 65$ ?  
 3.6 Experimental Validation  
 3.6.1 Experimental Setup; 3.6.2 HIL Emulation of the FOVS; 3.6.3 Experimental Results; 3.7 Chapter Summary; 4 Relay Feedback Tuning of Robust PID Controllers; 4.1 Introduction; 4.2 Slope Adjustment of the Phase Bode Plot; 4.3 The New PID Controller Design Formulae; 4.4 Phase and Magnitude Measurement via Relay Feedback Tests; 4.5 Illustrative Examples; 4.5.1 High-order Plant P2(s); 4.5.2 Plant with an Integrator P5(s); 4.5.3 Plant with a Time Delay P6(s); 4.5.4 Plant with an Integrator and a Time Delay P7(s); 4.6 Chapter Summary  
 5 Auto-Tuning of Fractional Order Controllers with Iso-Damping  
 5.1 Introduction; 5.2 FOPI and FO[PI] Controller Design Formulae; 5.2.1 FOPI Controller Auto-Tuning; 5.2.2 FO[PI] Controller Auto-Tuning; 5.3 Measurements for Auto-Tuning; 5.4 Simulation Illustration; 5.4.1 High-Order Plant P2(s); 5.4.2 Plant with an Integrator P5(s); 5.4.3 Plant with a Time Delay P6(s); 5.5 Chapter Summary; PART III FRACTIONAL ORDER POSITION CONTROLS; 6 Fractional Order PD Controller Tuning for Position Systems; 6.1 Introduction; 6.2 Fractional Order PD Controller Design for Position Systems  
 6.2.1 Integer Order PD Controller Design

Sommario/riassunto

Covering fractional order theory, simulation and experiments, this book explains how fractional order modelling and fractional order controller design compares favourably with traditional velocity and position control systems. The authors systematically compare the two approaches using applied fractional calculus. Stability theory in fractional order controllers design is also analysed. Presents material suitable for a variety of real-world applications, including hard disk drives, vehicular controls, robot control and micropositioners in DNA microarray analysis

2. Record Nr.	UNINA9910813229803321
Autore	Cane James <1968->
Titolo	The fourth enemy : journalism and power in the making of Peronist Argentina, 1930-1955 // James Cane
Pubbl/distr/stampa	University Park, Pennsylvania : , : The Pennsylvania State University Press, , [2011] ©2011
ISBN	0-271-05880-3
Descrizione fisica	1 online resource (330 pages)
Disciplina	079.82
Soggetti	Government and the press - Argentina - History - 20th century Press and politics - Argentina - History - 20th century Censorship - Argentina - History - 20th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front matter -- Contents -- List of illustrations -- Preface and acknowledgments -- List of abbreviations -- Introduction: From Fourth Estate to Fourth Enemy -- Part 1 -- 1 The Fourth Estate -- 2 Journalism and Power in the Impossible Republic -- Part 2 -- 3 The Triumph of Silence -- 4 Journalism as Labor Power -- 5 Scenes from the Press Wars -- Part 3 -- 6 The Die Is Cast -- 7 The Fourth Enemy -- Conclusion: Journalism and Power in the New Argentina -- Notes -- Bibliography -- Index
Sommario/riassunto	The rise of Juan Perón to power in Argentina in the 1940s is one of the most studied subjects in Argentine history. But no book before this has examined the role the Peronists' struggle with the major commercial newspaper media played in the movement's evolution, or what the resulting transformation of this industry meant for the normative and practical redefinition of the relationships among state, press, and public. In <i>The Fourth Enemy</i> , James Cane traces the violent confrontations, backroom deals, and legal actions that allowed Juan Domingo Perón to convert Latin America's most vibrant commercial newspaper industry into the region's largest state-dominated media empire. An interdisciplinary study drawing from labor history, communication studies, and the history of ideas, this book shows how

decades-old conflicts within the newspaper industry helped shape not just the social crises from which Peronism emerged, but the very nature of the Peronist experiment as well.

3. Record Nr.	UNINA9910731470603321
Autore	Murray Edmundo
Titolo	Art Discovery and Censorship in the Centre William Rappard of Geneva : Building the Future // by Edmundo Murray
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2023
ISBN	9783031271601 3031271602
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (227 pages)
Disciplina	709 701.03
Soggetti	Art - History Architecture Ethnology - Europe Culture Cities and towns - History Art History European Culture Urban History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. The Art Paradox: Between Love and Fear of the Image -- 2. 1926 – Metaphors of Hope -- 3. 1930 – “Sex and drunkenness and, yes, sin”: The Geneva Window that never arrived in Geneva -- 4. 1937 – “He wishes that it be removed”: Hiding Pygmalion -- 5. 1977 – “Profane, almost sentimentalist, almost human”: The GATT Secretariat in the Centre William Rappard -- 6. 2013 – Fresh Air: Rediscovering and Restoring Artworks -- 7. 2020 – The end of humour -- 8. Ars celare artem.

This is a history of the Centre William Rappard, the first building designed to house an international organization in Geneva, and its art treasures. For nearly a century, these works of art and decorations offered by governments and institutions encouraged smooth diplomacy and fluent international negotiations in the fields of labour, trade and human rights. On occasions hidden, removed and forgotten, and then recovered and restored, the history of the artworks in the Centre William Rappard represents the confrontation between art as diplomatic device and aesthetic experience, between representation and represented, between censorship and free expression. Even before its opening in 1926, the building started receiving works from the International Labour Organization member governments. Some pieces, such as the Geneva Window by Harry Clarke, never arrived in Geneva since it was censored by the Irish government. The Spanish Pygmalion by Eduardo Chicharro y Agüera was latter covered for its female nudity and remained hidden during decades. Later in the 1970s the secretariat of the General Agreement on Tariffs and Trade occupied the building and requested the removal of other major works. This was reversed in the 2010s by its successor the World Trade Organization, when many artworks were rediscovered, restored and placed in their original locations. However, new values in the world scene contributed to further changes in the building art, including the removal of Claude Namy's caricature In GATT We Trust from public view in 2019. Art in the Centre William Rappard continues to speak to the viewer after waves of positive reception, censorship and recovery. .

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