1. Record Nr. UNINA990001459240403321

Autore	Kormondy, Edward J.
Titolo	Readings in ecology / edited by Edward J. Kormondy
Pubbl/distr/stampa	Englewood Cliffs [N.J.], : Prentice-Hall, c1965
Descrizione fisica	XIV, 219 p. : ill. ; 23 cm
Collana	Prentice-Hall biological science series
Disciplina	500 577
Locazione	SC1 FI1
Collocazione	577-KOR-1 42-007
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910829864903321

Autore	Bourles Henri
Titolo	Linear systems [[electronic resource] /] / Henri Bourles
Pubbl/distr/stampa	London, U.K., : ISTE Hoboken, N.J., : Wiley, 2010
ISBN	1-118-61998-6 1-299-31540-2 1-118-61973-0
Descrizione fisica	1 online resource (594 p.)
Collana	Control systems, robotics and manufacturing series
Disciplina	003.74 003/.74 670.427
Soggetti	Linear systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Adapated and updated from Systemes lineaires published 2006 in France by Hermes Science/Lavoisier.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; 7.2.1. Invariant zeros and transmission zeros; 12.3.1. Fourier transforms of distributions; Preface; Chapter 1. Physical Models; 1.1.Electric system; 1.1.1.Mesh rule; 1.1.2. Nodal rule; 1.2. Mechanical system; 1.2.1. Fundamental principle of dynamics; 1.2.2. Lagrangian formalism; 1.3. Electromechanical system; 1.4.Thermal hydraulic system; 1.4.1. Balance in volume; 1.4.2. Exit rate: Torricelli's formula; 1.4.3. Energy balance; 1.5.Exercises; Chapter 2. Systems Theory (I); 2.1. Introductory example 2.2. General representation and properties2.2.1.Variables; 2.2.2. Equations; 2.2.3.Time-invariant systems; 2.2.4. Linear systems; 2.2.5. Linear time-invariant systems; 2.2.6. Equilibrium point; 2.2.7. Linearization around an equilibrium point; 2.3. Control systems; 2.3.1. Inputs; 2.3.2. Outputs; 2.3.3. Latent variables; 2.3.4. Classification of systems; 2.3.5. Rosenbrock representation; 2.3.6. State-space representation; 2.3.7. Poles and order of a system; 2.3.8. Free response and behavior; 2.4. Transfer matrix; 2.4.1. Laplace transforms; 2.4.2. Transfer matrix: definition; 2.4.3. Examples 2.4.4. Transmission poles and zeros2.4.5. *MacMillan poles and zeros;

2.4.6. Minimal systems; 2.4.7. Transmission poles and zeros at infinity; 2.5. Responses of a control system; 2.5.1. Input-output operator; 2.5.2. Impulse and step responses; 2.5.3. Proper, biproper and strictly proper systems; 2.5.4. Frequency response; 2.6. Diagrams and their algebra; 2.6.1. Diagram of a control system; 2.6.2. General algebra of diagrams; 2.6.3. Specificity of linear systems; 2.7. Exercises; Chapter 3. Open-Loop Systems; 3.1. Stability and static gain; 3.1.1. Stability; 3.1.2. Static gain
3.2. First-order systems3.2.1.Transfer function; 3.2.2. Time domain responses; 3.2.3. Frequency response; 3.2.4. Bode plot; 3.2.5. Case of an unstable first-order system; 3.3. Second-order systems; 3.3.1. Transfer function; 3.3.2. Time domain responses; 3.3.3. Bode plot; 3.4. Systems of any order; 3.4.1. Stability; 3.4.2. Decomposition of the transfer function; 3.4.3. Asymptotic Bode plot; 3.4.4. Amplitude/phase relation; 3.5. Time-delay systems; 3.5.1. Left formtime-delay systems; 3.5.2. Transfer function; 3.5.3. Bode plot; 3.5.4. Example: first-order time-delay system
3.5.5. Approximations of a time-delay system3.6. Exercises; Chapter 4. Closed-Loop Systems; 4.1. Closed-loop stability; 4.1.1. Standard feedback system; 4.1.2. Closed-loop equations; 4.1.3. Stability of a closed-loop system; 4.1.4. Nyquist criterion; 4.1.5. Small gain theorem; 4.2. Robustness and performance; 4.2.1. Generalities; 4.2.2. Robustness margins; 4.2.3. Use of the Nichols chart; 4.2.4. Robustness against neglected dynamics; 4.2.5. Performance; 4.2.6. Sensitivity to measurement noise; 4.2.7. Loopshaping of L(s); 4.2.8. Degradation of robustness/performance trade-off
4.2.9. *Extension to the MIMOcase

Sommario/riassunto

Linear systems have all the necessary elements (modeling, identification, analysis and control), from an educational point of view, to help us understand the discipline of automation and apply it efficiently. This book is progressive and organized in such a way that different levels of readership are possible. It is addressed both to beginners and those with a good understanding of automation wishing to enhance their knowledge on the subject. The theory is rigorously developed and illustrated by numerous examples which can be reproduced with the help of appropriate computation software. 60 exe

3. Record Nr. UNINA9910162677103321

Autore	Crowe Sandra A
Titolo	I Didn’t Sign Up For This! : 7 Startegies for Dealing With Difficulty in Difficult Times
Pubbl/distr/stampa	Chicago : , : Total Publishing, , 2012 ©2012
ISBN	1-937829-61-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (74 pages)
Disciplina	616.8914
Soggetti	Problem-solving therapy Self-actualization (Psychology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Title page -- Copyright page -- Contents -- Introduction -- Chapter 1: Face Down in the Dirt, Looking Up -- Chapter 2: What Were You Expecting? -- Chapter 3: Helicopter Perspective -- Strategy #1: Assess Reality -- Chapter 4: What Hit You Could Not Have Missed You -- Strategy #2: Accept Reality -- Chapter 5: Finally Feeling -- Strategy #3: Fully Feeling Starts Fully Healing -- Chapter 6: The Thinking That Got You In Won't Get You Out -- Strategy #4: Redirect Your Thinking -- Chapter 7: Difficult Interactions with Self -- Strategy #5: Interact with YOU Differently -- Chapter 8: Difficult Interactions with Others -- Strategy #6: Change the Conversation -- Chapter 9: Sandpaper for the Soul -- Strategy #7: Glean the Lesson -- Chapter 10: Lesson Revealed: A Meal for the Beloved -- Appendix -- Acknowledgments -- Your Writing -- About the Book.
Sommario/riassunto	We all have our problems. We all experience moments of exasperation and turmoil surrounding the question "Why me?" or more importantly What now? when life seemed to go awry. Wouldn't it be great to have the answer to those questions? With a little help from I Didn't Sign Up for This! 7 Strategies for Dealing with Difficulty in Difficult Times, the answer to those questions and others you ask in these moments are answered. You'll find that with the right strategies you can overcome even the most soul-crushing challenges. You will learn: - Why shifting

internal reactions can have external implications - How to alter the ongoing difficulty that lives within right now - How to design and shift your emotions no matter what - Where and how to change expectations so your mood does too - What tools will alter your difficult relationships and finally make them work