

1. Record Nr.	UNISA990003463870203316
Autore	PIRANDELLO, Luigi <1867-1936>
Titolo	Maschere nude / Luigi Pirandello ; a cura di Roberto Alonge
Pubbl/distr/stampa	Milano : Mondadori, 2007-2010
Descrizione fisica	volumi ; 20 cm
Collana	Tutte le opere di Pirandello , Teatro
Disciplina	852.912
Collocazione	XIII. 1. A./
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Maschere nude è il titolo che Pirandello stesso ha scelto per la raccolta dei propri testi teatrali: un ossimoro, immagine di un teatro nel quale l'uomo che si è dato (o al quale è stata imposta) una maschera ne scopre la nudità.

2. Record Nr.	UNINA9911004761603321
Autore	Ellis George (George H.)
Titolo	Observers in control systems : a practical guide / / George Ellis
Pubbl/distr/stampa	San Diego, CA, : Academic Press, c2002
ISBN	1-281-03282-4 9786611032821 0-08-051301-8
Descrizione fisica	1 online resource (275 p.)
Disciplina	629.8
Soggetti	Observers (Control theory)
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	Front Cover; Observers in Control Systems: A Practical Guide; Copyright Page; Contents; Acknowledgements; Safety; Chapter 1. Control Systems and the Role of Observers; 1.1 Overview; 1.2 Preview of Observers; 1.3 Summary of the Book; Chapter 2. Control-System Background; 2.1 Control-System Structures; 2.2 Goals of Control Systems; 2.3 Visual ModelQ Simulation Environment; 2.4 Software Experiments: Introduction to Visual ModelQ; 2.5 Exercises; Chapter 3. Review of the Frequency Domain; 3.1 Overview of the s-Domain; 3.2 Overview of the z-Domain; 3.3 The Open-Loop Method 3.4 A Zone-Based Tuning Procedure3.5 Exercises; Chapter 4. The Luenberger Observer: Correcting Sensor Problems; 4.1 What Is a Luenberger Observer?; 4.2 Experiments 4A-4C: Enhancing Stability with an Observer; 4.3 Predictor-Corrector Form of the Luenberger Observer; 4.4 Filer Form of the Luenberger Observer; 4.5 Designing a Luenberger Observer; 4.6 Introduction to Tuning an Observer Compensator; 4.7 Exercises; Chapter 5. The Luenberger Observer and Model Inaccuracy; 5.1 Model Inaccuracy; 5.2 Effects of Model Inaccuracy; 5.3 Experimental Evaluation; 5.4 Exercises Chapter 6. The Luenberger Observer and Disturbances6.1 Disturbances; 6.2 Disturbance Response; 6.3 Disturbance Decoupling; 6.4 Exercises; Chapter 7. Noise in the Luenberger Observer; 7.1 Noise in Control Systems; 7.2 Sensor Noise and the Luenberger Observer; 7.3 Noise Sensitivity when Using Disturbance Decoupling; 7.4 Reducing

Noise Susceptibility in Observer-Based Systems; 7.5 Exercises; Chapter 8. Using the Luenberger Observer in Motion Control; 8.1 The Luenberger Observers in Motion Systems; 8.2 Observing Velocity to Reduce Phase Lag; 8.3 Using Observers to Improve Disturbance Response
8.4 ExercisesReferences; Appendix A. Observer-Based Resolver Conversion in Industrial Servo Systems; Introduction; Resolvers and Traditional RDC; Converting the Signal; Observers; Applying the Observer to RDC; Advantages of Observer-Based Conversion; Conclusion; References; Appendix B. Cures for Mechanical Resonance in Industrial Servo Systems; Introduction; Two-Part Transfer Function; Low-Frequency Resonance; Velocity Control Law; Methods of Correction Applied to Low-Frequency Resonance; Conclusion; Acknowledgments; References; Appendix C. European Symbols for Block Diagrams
Part I: Linear FunctionsPart II: Nonlinear Functions; Appendix D. Development of the Bilinear Transformation; Bilinear Transformation; Prewarping; Factoring Polynomials; Phase Advancing; Appendix E. Solutions of Exercises; Chapter 2; Chapter 3; Chapter 4; Chapter 5; Chapter 6; Chapter 7; Chapter 8; Index

Sommario/riassunto

Observers are digital algorithms that combine sensor outputs with knowledge of the system to provide results superior to traditional structures, which rely wholly on sensors. Observers have been used in selected industries for years, but most books explain them with complex mathematics. This book uses intuitive discussion, software experiments, and supporting analysis to explain the advantages and disadvantages of observers. If you are working in controls and want to improve your control systems, observers could be the technology you need and this book will give you a clear, thorough explanati
