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Autore	Gibbs Bruce. P. <1946->
Titolo	Advanced Kalman filtering, least-squares and modeling [[electronic resource]] : a practical handbook / / Bruce P. Gibbs
Pubbl/distr/stampa	Hoboken, NJ, : Wiley Pub., c2011
ISBN	1-283-02519-1 9786613025197 0-470-89004-5 0-470-89003-7
Descrizione fisica	1 online resource (627 p.)
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Soggetti	Kalman filtering Least squares Electronic books.
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	ADVANCED KALMAN FILTERING, LEAST-SQUARES AND MODELING; CONTENTS; PREFACE; CHAPTER 1: INTRODUCTION; CHAPTER 2: SYSTEM DYNAMICS AND MODELS; CHAPTER 3: MODELING EXAMPLES; CHAPTER 4: LINEAR LEAST - SQUARES ESTIMATION: FUNDAMENTALS; CHAPTER 5: LINEAR LEAST - SQUARES ESTIMATION: SOLUTION TECHNIQUES; CHAPTER 6: LEAST - SQUARES ESTIMATION: MODEL ERRORS AND MODEL ORDER; 6.1 ASSESSING THE VALIDITY OF THE SOLUTION; 6.2 SOLUTION ERROR ANALYSIS; 6.3 REGRESSION ANALYSIS FOR WEIGHTED LEAST SQUARES; 6.4 SUMMARY; CHAPTER 7: LEAST - SQUARES ESTIMATION: CONSTRAINTS, NONLINEAR MODELS, AND ROBUST TECHNIQUES CHAPTER 8: KALMAN FILTERINGCHAPTER 9: FILTERING FOR NONLINEAR SYSTEMS, SMOOTHING, ERROR ANALYSIS/MODEL DESIGN, AND MEASUREMENT PREPROCESSING; CHAPTER 10: FACTORED (SQUARE - ROOT) FILTERING; CHAPTER 11: ADVANCED FILTERING TOPICS; CHAPTER 12: EMPIRICAL MODELING; APPENDIX A: SUMMARY OF VECTOR/MATRIX OPERATIONS; APPENDIX B: PROBABILITY AND RANDOM

Sommario/riassunto

This book is intended primarily as a handbook for engineers who must design practical systems. Its primary goal is to discuss model development in sufficient detail so that the reader may design an estimator that meets all application requirements and is robust to modeling assumptions. Since it is sometimes difficult to a priori determine the best model structure, use of exploratory data analysis to define model structure is discussed. Methods for deciding on the "best" model are also presented. A second goal is to present little known extensions of least squares estim

2. **Record Nr.**

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Autore

SANDER, Erich

Titolo

Das Hochland von Abessinien : Habesch / Eine länderkundliche Monographie von Erich Sander

Pubbl/distr/stampa

Heidelberg, : Carl Winters Universitätsbuchhandlung, 1929

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64 p., c. e p. di tav., 1 c. geogr. ; 26 cm

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Soggetti

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