

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910139051203321 |
| Autore | Taylor C. James |
| Titolo | True digital control [[electronic resource]] : statistical modelling and non-minimal state space design // C. James Taylor, Peter C. Young and Arun Chotai |
| Pubbl/distr/stampa | Chichester, West Sussex, : Wiley, 2013 |
| ISBN | 1-118-53551-0 1-118-53552-9 1-118-53550-2 |
| Descrizione fisica | 1 online resource (357 p.) |
| Altri autori (Persone) | YoungPeter C ChotaiArun |
| Disciplina | 629.8/95 |
| Soggetti | Digital control systems Quality 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 | Discrete-Time Transfer Functions -- Minimal State Variable Feedback -- Non-Minimal State Variable Feedback -- True Digital Control for Univariate Systems -- Control Structures and Interpretations -- True Digital Control for Multivariable Systems -- Data-Based Identification and Estimation of Transfer Function Models -- Additional Topics. |
| Sommario/riassunto | True Digital Control: Statistical Modelling and Non-Minimal State Space Design develops a true digital control design philosophy that encompasses data-based model identification, through to control algorithm design, robustness evaluation and implementation. With a heritage from both classical and modern control system synthesis, this book is supported by detailed practical examples based on the authors' research into environmental, mechatronic and robotic systems. Treatment of both statistical modelling and control design under one cover is unusual and highlights the important |