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| 1. Record Nr.           | UNINA9910481427203321  |
| Autore                  | Ricci Bartolomeo <1490-1569.>  |
| Titolo                  | Vita D. N. Iesu Christi ex verbis Euangeliorum in ipsismet concinnata per r. p. Bartholomæum Riccium Societatis Iesu e Castrofidardo   |
| Pubbl/distr/stampa      | Rome, : [s.n.], 1607   |
| Descrizione fisica      | Online resource ([8], 160 c., [2] c. di tav. ripieg., 8°)  |
| Lingua di pubblicazione | Latino   |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Reproduction of original in Biblioteca Nazionale Centrale di Firenze.  |
| 2. Record Nr.           | UNINA9910484519603321  |
| Autore                  | Ma Hongbin   |
| Titolo                  | Kalman Filtering and Information Fusion // by Hongbin Ma, Liping Yan, Yuanqing Xia, Mengyin Fu   |
| Pubbl/distr/stampa      | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020   |
| ISBN                    | 981-15-0806-2  |
| Edizione                | [1st ed. 2020.]  |
| Descrizione fisica      | 1 online resource (xvii, 291 pages) : illustrations  |
| Disciplina              | 629.8312   |
| Soggetti                | Automatic control<br>Robotics<br>Automation<br>Engineering mathematics<br>Engineering - Data processing<br>System theory<br>Control theory<br>Electrical engineering<br>Control, Robotics, Automation<br>Mathematical and Computational Engineering Applications<br>Systems Theory, Control<br>Electrical and Electronic Engineering |
| Lingua di pubblicazione | Inglese  |

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| Formato               | Materiale a stampa   |
| Livello bibliografico | Monografia   |
| Nota di bibliografia  | Includes bibliographical references.   |
| Nota di contenuto     | Preface -- Part I Kalman Filtering: Preliminaries -- Part II Kalman Filtering for Uncertain Systems -- Part III Kalman Filtering for Multi-Sensor Systems -- Part IV Kalman Filtering for Multi-Agent Systems.   |
| Sommario/riassunto    | <p>This book addresses a key technology for digital information processing: Kalman filtering, which is generally considered to be one of the greatest discoveries of the 20th century. It introduces readers to issues concerning various uncertainties in a single plant, and to corresponding solutions based on adaptive estimation. Further, it discusses in detail the issues that arise when Kalman filtering technology is applied in multi-sensor systems and/or multi-agent systems, especially when various sensors are used in systems like intelligent robots, autonomous cars, smart homes, smart buildings, etc., requiring multi-sensor information fusion techniques.</p> <p>Furthermore, when multiple agents (subsystems) interact with one another, it produces coupling uncertainties, a challenging issue that is addressed here with the aid of novel decentralized adaptive filtering techniques. Overall, the book's goal is to provide readers with a comprehensive investigation into the challenging problem of making Kalman filtering work well in the presence of various uncertainties and/or for multiple sensors/components. State-of-art techniques are introduced, together with a wealth of novel findings. As such, it can be a good reference book for researchers whose work involves filtering and applications; yet it can also serve as a postgraduate textbook for students in mathematics, engineering, automation, and related fields. To read this book, only a basic grasp of linear algebra and probability theory is needed, though experience with least squares, navigation, robotics, etc. would definitely be a plus.</p> |