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| 1. Record Nr.           | UNISANNIOUBO0006721                                          |
| Autore                  | Scott-Quinn, Brian                                           |
| Titolo                  | Investment banking : theory and practice / Brian Scott-Quinn |
| Pubbl/distr/stampa      | London, : Euromoney Books, c1990                             |
| ISBN                    | 1855640139                                                   |
| Descrizione fisica      | XIX, 378 p. : ill. ; 24 cm.                                  |
| Disciplina              | 332.6                                                        |
| Soggetti                | Banche - Investimenti                                        |
| Collocazione            | POZZO LIB.ECON MON 9796                                      |
| Lingua di pubblicazione | Inglese                                                      |
| Formato                 | Materiale a stampa                                           |
| Livello bibliografico   | Monografia                                                   |
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|-------------------------|-----------------------------------------------------------------------------------------------------------|
| 2. Record Nr.           | UNINA9911034939903321                                                                                     |
| Autore                  | Wang Gang                                                                                                 |
| Titolo                  | Data-driven Optimization and Control for Autonomous Energy Systems<br>// by Gang Wang, Jian Sun, Jie Chen |
| Pubbl/distr/stampa      | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025                                |
| ISBN                    | 981-9517-82-6                                                                                             |
| Edizione                | [1st ed. 2025.]                                                                                           |
| Descrizione fisica      | 1 online resource (259 pages)                                                                             |
| Collana                 | Energy Series                                                                                             |
| Altri autori (Persone)  | SunJian<br>ChenJie                                                                                        |
| Disciplina              | 621.31                                                                                                    |
| Soggetti                | Electric power production<br>Automation<br>Mechanical Power Engineering                                   |
| Lingua di pubblicazione | Inglese                                                                                                   |
| Formato                 | Materiale a stampa                                                                                        |
| Livello bibliografico   | Monografia                                                                                                |
| Nota di contenuto       | Introduction -- State Estimation via Composite Optimization -- State                                      |

Estimation from Rank One Measurements -- State Estimation and Forecasting via Deep Unrolled Neural Networks -- Data Graph Prior for State Estimation -- Stochastic Optimization -- Conclusion.

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## Sommario/riassunto

This book introduces a pioneering framework for monitoring and controlling autonomous energy systems, distinguished by its use of physics-informed deep neural networks. These networks provide accurate estimations and forecasts, interlacing with advanced composite optimization algorithms to simplify the complex processes of state estimation. This approach not only boosts operational efficiency but also maximizes flexibility through a data-driven methodology integrated with physics-based principles. The framework leverages the power of neural networks to define the intricate relationship between system states and control policies, offering precise, robust control strategies that adapt to dynamically changing system conditions. This book is essential reading for professionals looking to enhance the performance and flexibility of energy systems through cutting-edge technology.

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