1. Record Nr. UNISOBSOB005097

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| Autore | White, Nicolas P. |
| Titolo | A Companion to Plato's Republic / Nicolas P. White |
| Pubbl/distr/stampa | Oxford, : Basil Blackwell, 1979 |
| ISBN | 0631107819 |
| Descrizione fisica | VIII,276 p. ; 22 cm. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910557116803321

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| Autore | Martinez-Salamero Luis |
| Titolo | Sliding Mode Control of Power Converters in Renewable Energy Systems |
| Pubbl/distr/stampa | Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020 |
| Descrizione fisica | 1 online resource (344 p.) |
| Soggetti | History of engineering and technology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | Renewable energies are becoming a must to counteract the consequences of the global warming. More efficient devices and better control strategies are required in the generation, transport, and conversion of electricity. Energy is processed by power converters that are currently the key building blocks in modern power distribution systems. The associated electrical architecture is based on buses for energy distribution and uses a great number of converters for |

interfacing both input and output energy. This book shows that sliding-mode control is contributing to improve the performances of power converters by means of accurate theoretical analyses that result in efficient implementations. The sliding-mode control of power converters for renewable energy applications offers a panoramic view of the most recent uses of this regulation technique in practical cases. By presenting examples that range from dozens of kilowatts to only a few watts, the book covers control solutions for AC-DC and DC-AC generation, power factor correction, multilevel converters, constant-power load supply, wind energy systems, efficient lighting, digital control implementation, multiphase converters, and energy harvesting. The selected examples developed by recognized specialists are illustrated by means of detailed simulations and experiments to help the reader to understand the theoretical approach in each case considered in the book.