1. Record Nr. UNISA990002823920203316

Autore	SHERMAN, William R.
Titolo	Understanding virtual reality : interface, application, and design / William R. Sherman, Alan B. Craig
Pubbl/distr/stampa	Amsterdam [etc.] : Morgan Kaufmann Publishers, c2003
ISBN	1-55860-353-0
Descrizione fisica	XXIV, 582 p. : ill. ; 24 cm.
Collana	The Morgan Kaufmann series in computer graphics and geometric modeling
Altri autori (Persone)	CRAIG, Alan B.
Disciplina	004.019
Soggetti	Intelligenza artificiale
Collocazione	D/191
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910910901203321

Titolo	Roma capire la città / a cura di Matteo Sanfilippo ; schede di: Valeria Bartoloni ... [et al.]
Pubbl/distr/stampa	Roma, : Cooperativa Archeologia, [19..]
Descrizione fisica	104 p. : ill. ; 24 cm
Locazione	DARST
Collocazione	12.2065
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910299607303321

Autore	Mahmoud Magdi S
Titolo	Control and Optimization of Distributed Generation Systems / / by Magdi S. Mahmoud, Fouad M. AL-Sunni
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16910-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XXVIII, 578 p. 363 illus., 184 illus. in color.)
Collana	Power Systems, , 1860-4676
Disciplina	621.3121
Soggetti	Electric power production Control engineering Electrical Power Engineering Mechanical Power Engineering Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction -- Distributed Generation Plant -- Supply and Demand in the Electric Power Grid -- Control Methods for Microgrids --

Computational Intelligence for Microgrids -- A System-of-Systems Framework for Microgrids -- Networked Control of Microgrid System-of Systems -- Distributed Control Approach -- Hierarchical Structuring and Control -- Appendix: Mathematical Preliminaries.

Sommario/riassunto

This text is an introduction to the use of control in distributed power generation. It shows the reader how reliable control can be achieved so as to realize the potential of small networks of diverse energy sources, either singly or in coordination, for meeting concerns of energy cost, energy security and environmental protection. The book demonstrates how such microgrids—interconnecting groups of generating units and loads within a local area—can be an effective means of balancing electrical supply and demand. It takes advantage of the ability to connect and disconnect microgrids from the main body of the power grid to give flexibility in response to special events, planned or unplanned. In order to capture the main opportunities for expanding the power grid and to present the plethora of associated open problems in control theory Control and Optimization of Distributed Generation Systems is organized to treat three key themes, namely: system architecture and integration; modelling and analysis; and communications and control. Each chapter makes use of examples, simulations and appropriate problems to help the reader study. Tools helpful to the reader in accessing the mathematical analysis presented within the main body of the book are given in an appendix. Control and Optimization of Distributed Generation Systems will enable readers new to the field of distributed power generation and networked control, whether experienced academics migrating from another field or graduate students beginning a research career, to familiarize themselves with the important points of the control and regulation of microgrids. It will also be useful for practising power engineers wishing to keep abreast of changes in power grids necessitated by the diversification of generating methods.