

1.	Record Nr.	UNINA990006175980403321
	Autore	Briem, Efraim
	Titolo	Kommunismus und Religion in der Sowjetunion : ein ideenkampf / Efraim Briem ; einzig berechtigte Uebersetzung aus dem Schwedischen von Edzard Schaper
	Pubbl/distr/stampa	Basel : Verlag Friedrich Reinhardt AG., s.d.
	Descrizione fisica	434 p. ; 24 cm
	Disciplina	340.1
	Locazione	FGBC
	Collocazione	XI N 164
	Lingua di pubblicazione	Non definito
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	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991002225419707536
	Autore	Lindroos, Paula
	Titolo	Aspects on the extracellular matrix and protonephridia in flatworms, with special reference to the tapeworm Diphyllbothrium Dendriticum / Paula Lindroos
	Pubbl/distr/stampa	Åbo : Åbo Akademis Förlag, 1991
	ISBN	9519498958
	Descrizione fisica	53 p. : ill. ; 25 cm
	Collana	Acta Academiae Aboensis. Series B, Mathematica et physica ; 51/5
	Disciplina	574
	Soggetti	Biologia
	Lingua di pubblicazione	Inglese
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3. Record Nr.	UNINA9910337592903321
Autore	Elbaset Adel A
Titolo	Performance Analysis of Photovoltaic Systems with Energy Storage Systems / / by Adel A. Elbaset, Saad Awad Mohamed Abdelwahab, Hamed Anwer Ibrahim, Mohammed Abdelmowgoud Elsayed Eid
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
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Descrizione fisica	1 online resource (XXVIII, 135 p. 120 illus., 98 illus. in color.)
Disciplina	621.042
Soggetti	Renewable energy resources Energy storage Energy consumption Renewable and Green Energy Energy Storage Energy Efficiency
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Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Literature Survey -- Chapter 3. Modeling of Maximum Power Point Tracking for Stand-alone PV Systems -- Chapter 4. Improving the Resiliency of a PV Stand-alone with Energy Storage -- Chapter 5. The Performance Analysis of a PV System with Battery-Supercapacitor Hybrid Energy Storage System -- Chapter 6. Experimental Work -- Chapter 7. Conclusions and Future Work.
Sommario/riassunto	This book discusses dynamic modeling, simulation, and control strategies for Photovoltaic (PV) stand-alone systems during variation of environmental conditions. Moreover, the effectiveness of the implemented Maximum Power Point Tracking (MPPT) techniques and the employed control strategy are evaluated during variations of solar irradiance and cell temperature. The simulation results are based on the reliability of the MPPT techniques applied in extracting the maximum power from the PV system during the rapid variation of the environmental conditions. The authors review two MPPT techniques

implemented in PV systems, namely the perturb and observe (P&O) MPPT Technique and the Incremental Conductance (InCond) MPPT technique. These two MPPT techniques were simulated by the MATLAB/Simulink and the results response of the PV array from voltage, current, and power are compared to the effect of solar irradiation and temperature change. Discusses dynamic modeling, simulation, and control strategy of PV stand-alone systems during variation of the environmental conditions; Evaluates the effectiveness of the implemented Maximum Power Point Tracking (MPPT) techniques and the employed control strategy, during variations of solar irradiance and the cell temperature; Simulates two MPPT techniques using MATLAB/Simulink and compares the response of the PV array from voltage, current, and power to the effect of solar irradiation and temperature change; Describes an efficient control strategy to enhance the Battery-Supercapacitor Hybrid Energy Storage System (BS-HESS), appropriate for PV stand-alone systems.
