

1.	Record Nr.	UNINA990007922610403321
	Autore	Korevaar, Jacob
	Titolo	Tauberian theory : a century of developments / J. Korevaar
	Pubbl/distr/stampa	Berlin : Springer, c2004
	ISBN	3-540-21058-X
	Descrizione fisica	xv, 483 p. ; 24 cm
	Collana	Die Grundlehren der mathematischen Wissenschaften ; 329
	Disciplina	515.24
	Locazione	MA1
	Collocazione	C-28-(329
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991000140169707536
	Autore	Gillis, Carole
	Titolo	Trade and production in premonetary Greece : aspects of trade : proceedings of the Third International Workshop, Athens 1993 / edited by Carole Gillis, Christina Risberg and Birgitta Sjoberg
	Pubbl/distr/stampa	Jonsered : Astroms, 1995
	Descrizione fisica	157 p. ; 21 cm
	Collana	Studies in Mediterranean Archaeology and Literature ; 134
	Altri autori (Persone)	Risberg, Christina Sjoberg, Birgitta
	Soggetti	Grecia antica - Commercio
	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
Edizione	[1st ed. 2019.]
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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Formato	Materiale a stampa
Livello bibliografico	Monografia
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.
