

1. Record Nr.	UNINA9910253987103321
Titolo	Advances in Solar Photovoltaic Power Plants // edited by Md. Rabiul Islam, Faz Rahman, Wei Xu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016
ISBN	3-662-50521-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXXIX, 317 p. 224 illus., 72 illus. in color.)
Collana	Green Energy and Technology, , 1865-3529
Disciplina	333.7923
Soggetti	Renewable energy resources Power electronics Electronic circuits Energy systems Renewable and Green Energy Power Electronics, Electrical Machines and Networks Circuits and Systems Energy Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Photovoltaic Inverter Topologies for Grid Integration Applications -- Advanced Control Techniques for PV Maximum Power Point Tracking -- Maximum Power Point Tracking Methods for PV Systems -- Multiple Peaks Tracking for Photovoltaic System Tracking using Particle Swarm Optimization with Artificial Neural Network Algorithm -- Empirical based approach for prediction of global irradiance and energy for solar photovoltaic systems -- A Study of Islanding Mode Control in Grid-connected Photovoltaic Systems -- Stability Assessment of Power Systems Integrated with Large-Scale Solar PV Units -- Energy Storage Technologies for Solar Photovoltaic Systems.
Sommario/riassunto	This book focuses on the latest research and developments in photovoltaic (PV) power plants, and provides extensive coverage of fundamental theories, current research and developmental activities, and new approaches intended to overcome a number of critical

limitations in today's grid integration technologies. The design and implementation process for large-scale solar PV power plants is introduced. The content provided will actively support the development of future renewable power plants and smart grid applications. The book will be of interest to researchers, professionals and graduate students in electrical and electronics fields seeking to understand the related technologies involved in PV power plants.

2. Record Nr.	UNINA9910144369103321
Titolo	Kantovski sbornik // Ministerstvo vysshego i srednego spetsialnogo obrazovaniia RSFSR, Kaliningradski gosudarstvenny universitet
Pubbl/distr/stampa	Kaliningrad, : Universitet, 1981-
Descrizione fisica	1 online resource
Disciplina	142/.3/05
Soggetti	Philosophy Periodicals.
Lingua di pubblicazione	Russo
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed