1.	Record Nr.	UNINA9910158599203321
	Autore	Petrone Giovanni
	Titolo	Photovoltaic sources modeling / / Giovanni Petrone, University of Salerno, Italy, Carlos Andraes Ramos-Paja, Universidad Nacional de Colombia, Giovanni Spagnuolo, University of Salerno, Italy
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	ISBN	1-118-75649-5 1-118-75612-6 1-118-75587-1
	Descrizione fisica	1 online resource (205 pages) : illustrations, graphs
	Collana	Wiley - IEEE
	Disciplina	621.31244011
	Soggetti	Photovoltaic power generation - Mathematical models
	Lingua di pubblicazione	Inglese
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	Nota di contenuto	-- Acknowledgements xi -- Introduction xiii -- Tables of Symbols and Acronyms xv -- 1 PV Models 1 -- 1.1 Introduction 1 -- 1.2 Modeling: Granularity and Accuracy 1 -- 1.3 The Double-diode Model 2 -- 1.4 The Single-diode Model 4 -- 1.4.1 Effect of the SDM Parameters on the I / V Curve 5 -- 1.5 Models of PV Array for Circuit Simulator 6 -- 1.5.1 The Single-diode Model based on the Lambert W-function 10 -- 1.6 PV Dynamic Models 11 -- 1.7 PV Small-signal Models and Dynamic-resistance Modelling 14 -- References 17 -- 2 Single-diode Model Parameter Identification 21 -- 2.1 Introduction 21 -- 2.2 PV Parameter Identification from Datasheet Information 21 -- 2.2.1 Exact Numerical Methods 21 -- 2.2.2 Approximate Explicit Solution for Calculating SDM Parameters 24 -- 2.2.3 Validation of the Approximate Explicit Solution 27 -- 2.3 Single-diode Model Simplification 30 -- 2.3.1 Five-parameter versus Four-parameter Simplification 32 -- 2.3.2 Explicit Equations for Calculating the Four SDM Parameters 34 -- 2.4 Improved Models for Amorphous and Organic PV Technologies 37 -- 2.4.1 Modified SDM for Amorphous PV Cells 37 -- 2.4.2 Five-parameter Calculation for Amorphous Silicon PV Panels 38 -- 2.4.3 Modified

Sommario/riassunto

"The book provides the reader with an overview of the models that can be used for simulating a PV (photovoltaic) generator at different levels of granularity, from cell to system level, in uniform as well as in mismatched conditions. It provides a thorough comparison among the models. The book is divided into 9 chapters: Introduction, PV models,

Single Diode Model (SDM) parameters identification, PV simulation under homogeneous conditions, PV arrays under non-homogeneous conditions, Models of PV arrays under non-homogeneous conditions, PV array modeling at cell level under non-homogeneous conditions, Modeling the PV power conversion chain, Control of the power conversion chain. Graphs, diagrams and calculations are included to enhance the written material and show examples."--

2.	Record Nr.	UNINA9910847596203321
	Autore	Sahiti Fadil
	Titolo	Industrial Policies for Technological Upgrading in Western Balkan Countries : Economic Growth and Development / / by Fadil Sahiti
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Palgrave Macmillan, , 2024
	ISBN	9783031514296 3031514297
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (211 pages)
	Disciplina	338.9496
	Soggetti	Industrial policy Development economics Economic policy Regulation and Industrial Policy Development Economics Economic Policy
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	1. Introduction -- 2. Literature and analytical framework -- 3. Capability building and technology upgrading in Western Balkan economies -- 4. Policies for technology upgrading in the Western Balkan economies -- 5. New industrial policy approach -- 6. The economic context of the Western Balkans and some basic economic indicators -- 7. Physical and human capacities -- 8. The role of resources and organizational capabilities.

Sommario/riassunto

This book focuses on Albania, North Macedonia and Kosovo; it explores the industrial policies currently in place in these economies and compares their effects with the situation in Slovenia, which is used as a reference country. It provides a brief introduction to some new industrial policy approaches and proposes a new industrial policy framework that focuses on development of the national innovation system through technology upgrading and increased exploitation of technology to build the foundations for sustainable development. Finally, it provides an empirical analysis of the technological capabilities of the manufacturing firms operating in in Albania, North Macedonia and Kosovo. It delves into the technical-economic properties of these Western Balkans countries and identifies some strategic options for industrial policy. It emphasizes the need for a form of governance that emphasizes on industrial development and innovation capabilities, which are required for the implementation of these new industrial policies. The analysis draws on the current industrial policy literature and work on developing (catch-up) economies, technological upgrading and innovation studies, which represent current academic thinking in these fields. Fadil Sahiti is a Professor of Entrepreneurship and Management at the Rochester Institute of Technology in Kosovo. His research interests are in the area of firm capability building and technology upgrading, exploring industrial policy issues that enable or constrain the emergence of innovative firms in less developed economies.

3. Record Nr.	UNINA9910958896703321
Autore	Bellegarde-Smith Patrick; Michel, Claudine
Titolo	Vodou in Haitian Life and Culture : Invisible Powers / / edited by C. Michel, P. Bellegarde-Smith
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Altri autori (Persone)	MichelClaudine Bellegarde-SmithPatrick
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Soggetti	Religions Religion - History Astronomy Ethnology - Latin America Culture Religion and sociology Comparative Religion History of Religion Astronomy, Cosmology and Space Sciences Latin American Culture Sociology of Religion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- Vodou in Haitian Life and Culture -- Contents -- Invisible

| Sommario/riassunto | This collection introduces readers to the history and practice of the Vodou religion, and corrects many misconceptions. The book focuses specifically on the role Vodou plays in Haiti, where it has its strongest following, examining its influence on spiritual beliefs, cultural practices, national identity, popular culture, writing and art. |