

1. Record Nr.	UNINA9910454330703321
Titolo	Clean electricity from photovoltaics [[electronic resource] /] / editors, Mary D. Archer, Robert Hill
Pubbl/distr/stampa	London, : Imperial College Press, c2001
ISBN	1-281-86603-2 9786611866037 1-60119-771-3 1-84816-150-6
Descrizione fisica	1 online resource (870 p.)
Collana	Series on photoconversion of solar energy ; ; v. 1
Altri autori (Persone)	ArcherMary D HillR <1937-> (Robert)
Disciplina	621.381542
Soggetti	Photovoltaic cells Photovoltaic power generation Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>CONTENTS ; About the authors ; Preface</p> <p>; 1 The past and present photovoltaic technology ; 1.1 Milestones in ; 1.2 Evolution</p> <p>of the PV market ; 1.3 Overview of photo voltaic ; 1.4 Other junction</p> <p>cell operation types ; 1.5 Sources of further information</p> <p>2 Device physics of silicon solar cells ; 2.1</p> <p>Introduction ; 2.2 Semiconductor device equations ;</p> <p>; 2.3 The p-n junction model of Shockley ;</p> <p>2.4 Real diode characteristics ; 2.5 Numerical</p> <p>solar cell modelling ; 2.6 Concluding remarks</p> <p>; 3 Principles of cell design ; 3.1 Introduction</p> <p>3.2 Main cell types ; 3.3 Optical design of cells</p> <p>; 3.4 Surface recombination losses and their reduction</p> <p>; 3.5 Bulk recombination losses and their reduction</p> <p>; 3.6 Design and fabrication of the metal contacts</p> <p>; 3.7 Conclusions ; 4 Crystalline silicon solar cells</p>

; 4.1 Overview		
4.2 Silicon cell development	4.3 Substrate	
production	4.4 Cell processing	;
4.5 Cell costs	4.6 Opportunities for improvement	;
; 4.7 Silicon-supported thin films		4.8
Summary	5 Amorphous silicon solar cells	
; 5.1 Introduction	5.2 Background	
5.3 Amorphous silicon-based materials		5.4
Growth and microstructure	5.5 Solar cells	
; 5.6 Solar cell structures	5.7 PV modules	
; 5.8 Manufacturing costs	5.9 Long-term reliability	
; 5.10 Environmental issues	5.11 Challenges for	
the future	6 Cadmium telluride solar cells	
6.1 Introduction		

## Sommario/riassunto

Photovoltaic cells provide clean, reversible electrical power from the sun. Made from semiconductors, they are durable, silent in operation and free of polluting emissions. In this book, experts from all sectors of the PV community - materials scientists, physicists, production engineers, economists and environmentalists - give their critical appraisals of where the technology is now and what its prospects are.

<i>Sample Chapter(s)</i><br>Chapter 2.1: Introduction (306 KB)

<br>Chapter 2.2: Semiconductor device equations (121 KB)

<br>Chapter 2.3: The p-n junction model of Shockley (1,017 KB)<br>

2. Record Nr.	UNINA9910451636203321
Autore	Williams Robert A. <1955->
Titolo	Like a loaded weapon : the Rehnquist court, Indian rights, and the legal history of racism in America // Robert A. Williams, Jr
Pubbl/distr/stampa	Minneapolis, MN, : University of Minnesota Press, c2005
ISBN	0-8166-9798-1
Descrizione fisica	1 online resource (xxxvi, 270 pages)
Collana	Indigenous Americas
Disciplina	342.7308/72
Soggetti	Indians of North America - Civil rights - History Race discrimination - Law and legislation - United States - History Racism - United States - History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	"Look, Mom, a baby maid!" : the languages of racism -- The Supreme Court and the legal history of racism in America -- "The savage as the wolf" : the founders' language of Indian savagery -- Indian rights and the Marshall Court -- The rise of the plenary power doctrine -- What "every American schoolboy knows" : the language of Indian savagery in Tee-Hit-Ton -- Rehnquist's language of racism in Oliphant -- The most Indianophobic Supreme Court Indian law opinion ever -- The dangers of the twentieth-century Supreme Court's Indian rights decisions -- Expanding Oliphant's principle of racial discrimination : Nevada v. Hicks -- The court's schizophrenic approach to Indian rights : United States v. Lara.
Sommario/riassunto	Robert A. Williams Jr. boldly exposes the ongoing legal force of the racist language directed at Indians in American society. Fueled by well-known negative racial stereotypes of Indian savagery and cultural inferiority, this language, Williams contends, has functioned "like a loaded weapon" in the Supreme Court's Indian law decisions. Beginning with Chief Justice John Marshall's foundational opinions in the early nineteenth century and continuing today in the judgments of the Rehnquist Court, Williams shows how undeniably racist language and precedent are still used in Indian law

3. Record Nr.	UNINA9910797993103321
Autore	Rinehart Mary Roberts
Titolo	Through Glacier Park / / Mary Roberts Rinehart ; foreword by Rick Rinehart
Pubbl/distr/stampa	Guilford, Connecticut ; ; Helena, Montana : , : TwoDot, , 2016 ©2016
ISBN	1-4930-2309-8
Descrizione fisica	1 online resource (81 p.)
Disciplina	917.86/5204
Soggetti	Glacier National Park (Mont.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Foreword; Foreword by Mary Roberts Rinehart; One The Adventurers; Two "FALL IN"; Three The Sporting Chance; Four All in the Game; Five "Running Water and Still Pools"; Six The Call; Seven The Black Marks; Eight Bears; Nine Down the Flathead Rapids; About the Author