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| 1. Record Nr. | UNINA9910456019403321 |
| Autore | Altman Dennis <1943, > |
| Titolo | Power and community : organizational and cultural responses to AIDS / / Dennis Altman |
| Pubbl/distr/stampa | London ; ; Bristol, Pa. : , : Taylor & Francis, , 1994 |
| ISBN | 1-135-35723-4 1-280-40681-X 9786610406814 0-203-50250-7 |
| Descrizione fisica | 1 online resource (187 p.) |
| Collana | Social aspects of AIDS Power and community |
| Disciplina | 362.1/969792 610 |
| Soggetti | AIDS (Disease) - Social aspects Community health services Acquired Immunodeficiency Syndrome Community Health Services Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | Front Cover; Power and Community; CopyrightPage; Contents; Series Editor's Preface; Acknowledgements; Chapter 1. HIV and Community; Chapter 2. The Emergence of a Non-Government Response to AIDS; Chapter 3. What Do CBOs Do?; Chapter 4. The Changing Pandemic; Chapter 5. The Evolution of the Community Sector; Chapter 6. Expertise and Professionalism: Who Owns AIDS?; Chapter 7. The International Dimension; Chapter 8. Overview: CBOs as Subversive; Index |
| Sommario/riassunto | This book provides a global overview of the role of the community sector, examining in detail the origins and activities of community organizations in Europe, the Americas, Africa, South Asia, Southeast Asia, Australia and the Pacific. It also describes the impact of sexuality and gender on AIDS activism and AIDS organizing, as well as broader cultural responses to the epidemic. It charts the emergence and development of the community sector response to HIV and AIDS, |

illustrating the factors that led affected individuals and communities to organize, question, challenge and redefine initial

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| 2. 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 | CONTENTS ; About the authors ; Preface ; 1 The past and present ; 1.1 Milestones in photovoltaic technology ; 1.2 Evolution of the PV market ; 1.3 Overview of photo voltaic cell operation ; 1.4 Other junction types ; 1.5 Sources of further information 2 Device physics of silicon solar cells 2.1 Introduction ; 2.2 Semiconductor device equations ; 2.3 The p-n junction model of Shockley ; 2.4 Real diode characteristics ; 2.5 Numerical solar cell modelling ; 2.6 Concluding remarks ; 3 Principles of cell design ; 3.1 Introduction 3.2 Main cell types 3.3 Optical design of cells |

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|--------------------------------------------------------|-------------------------------------|
| ; 3.4 Surface recombination losses and their reduction | |
| ; 3.5 Bulk recombination losses and their reduction | |
| ; 3.6 Design and fabrication of the metal contacts | |
| ; 3.7 Conclusions | ; 4 Crystalline silicon solar cells |
| ; 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.

Sample Chapter(s)
 Chapter 2.1: Introduction (306 KB)
 Chapter 2.2: Semiconductor device equations (121 KB)
 Chapter 2.3: The p-n junction model of Shockley (1,017 KB)