

Advanced Book Information

Recent Advances in Photovoltaic

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The search for new materials and/or new structures such as multi-junctions, nanostructures, photoelectrochemical cells, organic solar cells etc. for improved performance is discussed. The experimental investigations on certain materials and modelling for better results are also described in the book.

Keyword: Photovoltaic, Solar Cells, Multi-Junctions Solar Cells, Nanostructured Solar Cells, Photoelectrochemical Solar Cells, Organic Solar Cells, Polymer Solar Cells

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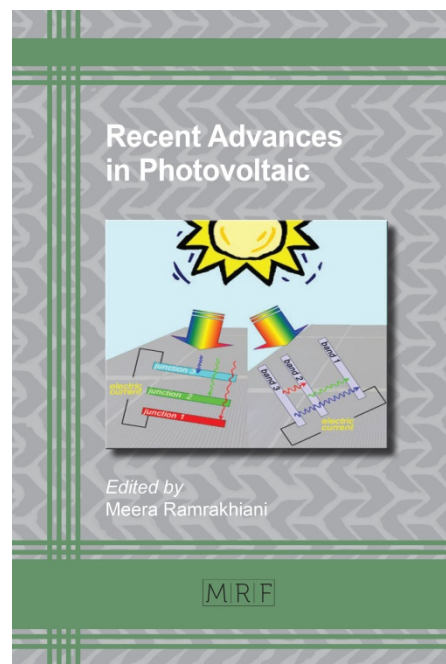
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Summary:

The ever growing demand for clean energy potentially can be met by solar-to-electrical energy conversion. This book on “Recent Advances in Photovoltaic” presents a detailed overview of recent research and developments in the field of photovoltaic and solar cells. It starts with the basic theory and gradual progress in the field of photovoltaic and various generations of solar cells. The search for new materials and/or new structures such as multi-junctions, nanostructures, photoelectrochemical cells, organic solar cells etc. for improved performance is discussed. The experimental investigations on certain materials and modelling for better results are also described in the book.