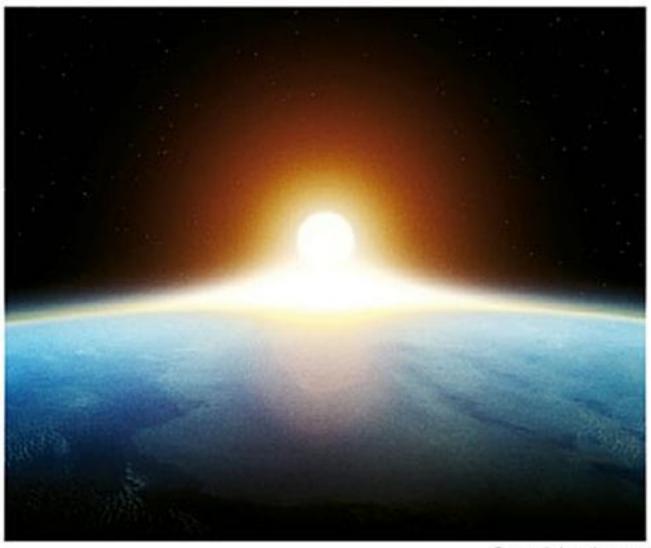
Peter Würfel



Physics of Solar Cells

From Basic Principles to Advanced Concepts

Second, Updated and Expanded Edition



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Physics of Solar Cells: From Basic Principles to Advanced Concepts, , John Wiley & Sons, 2009, 3527408576, 9783527408573, 244 pages. Based on the highly regarded and extremely successful first edition, this thoroughly revised, updated and expanded edition contains the latest knowledge on the mechanisms of solar energy conversion. The textbook describes in detail all aspects of solar cell function, the physics behind every single step, as well as all the issues to be considered when improving solar cells and their efficiency. Requiring no more than standard physics knowledge, the book enables both students and researchers to understand the factors driving conversion efficiency and to apply this knowledge to their own solar cell development. New exercises after each chapter help students to consolidate their freshly acquired knowledge, while the book also serves as a reference for researchers already working in this exciting and challenging field.

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