

[DOWNLOAD](#)[READ ONLINE](#)

[ 3.15 MB ]

## The Physics of Solar Cells: Perovskites, Organics, and Photovoltaic Fundamentals (Paperback)

By Juan Bisquert

Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book. The book provides an explanation of the operation of photovoltaic devices from a broad perspective that embraces a variety of materials concepts, from nanostructured and highly disordered organic materials, to highly efficient devices such as the lead halide perovskite solar cells. The book establishes from the beginning a simple but very rich model of a solar cell, in order to develop and understand step by step the photovoltaic operation according to fundamental physical properties and constraints. It emphasizes the aspects pertaining to the functioning of a solar cell and the determination of limiting efficiencies of energy conversion. The final chapters of the book establish a more refined and realistic treatment of the many factors that determine the actual performance of experimental devices: transport gradients, interfacial recombination, optical losses and so forth. The book finishes with a short review of additional important aspects of solar energy conversion, such as the photonic aspects of spectral modification, and the direct conversion of solar photons to chemical fuel via electrochemical reactions.

### Reviews

*This is the very best book i actually have read till now. It is loaded with knowledge and wisdom I am just easily could get a satisfaction of reading a created ebook.*

-- *Ena Huel*

*Great eBook and useful one. it was actually writtern really completely and useful. You are going to like the way the article writer publish this publication.*

-- *Prof. Ernestine Emard*

## See Also



### **The Story of Easter [Board book] [Feb 01, 2011] Patricia A. Pingry and Rebecc.**

No Binding. Book Condition: New. Brand New, Unread Book in Excellent Condition with Minimal Shelf-Wear, \$AVE! FAST SHIPPING W/ FREE TRACKING!!!



### **Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...



### **History of the Town of Sutton Massachusetts from 1704 to 1876**

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...



### **Comic Illustration Book for Kids: Short Moral Stories for Kids with Dog Farts**

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This is the Black White Color Version! BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a...



### **RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just**

Rcadvisor.com, United States, 2009. Paperback. Book Condition: New. 238 x 166 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Experience firsthand the joys of building and flying your very own model airplane design. Put into practice the lessons from...



### **The Adventures of Sheriff Williker: /Book 1: The Case of the Missing Horseshoe**

Createspace, United States, 2014. Paperback. Book Condition: New. Kim Hansen (illustrator). large type edition. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A missing horseshoe for a prize winning horse.a set of mysterious footprints.suspicious looking characters....