

Handbook of photovoltaic science and engineering 2011

The most comprehensive, authoritative and widely cited reference on photovoltaic solar energy. Fully revised and updated, the Handbook of Photovoltaic Science and Engineering, Second Edition incorporates the substantial technological advances and research developments in photovoltaics since its previous release.

Handbook of Photovoltaic Science and Engineering incorporates the most recent technological advances and research developments in photovoltaics. All topics relating to the photovoltaic (PV) industry are discussed and each chapter has been written by an internationally-known expert in the field tailed treatment covers:scientific basis of the photovoltaic effect ...

Handbook of Photovoltaic Science and Engineering, 2nd Edition Antonio Luque (Editor), Steven Hegedus (Co-Editor) E-Book 978-0-470-97612-8 March 2011 \$288.00 Hardcover 978-0-470-72169-8 January 2011 \$359.75 O-Book 978-0-470-97470-4 March 2011 Available on Wiley ... Fully revised and updated, the Handbook of Photovoltaic Science and Engineering ...

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Summary: Fully revised and updated, the Handbook of Photovoltaic Science and Engineering, Second Edition incorporates the substantial technological advances and research developments in photovoltaics since its previous release. All topics relating to the photovoltaic (PV) industry are discussed with contributions by distinguished international experts in the field

The course is made up of 9 sections with an estimated workload of 2-3 hours each. The academic level is targeted at master students at technical universities and engineers from the energy industry. Passing this course offers you a great basis for a career in the field of photovoltaics.

Photovoltaic Systems: Fundamentals and Applications is designed to be used as an introductory textbook and professional training manual offering mathematical and conceptual insights that can be used to teach concepts, aid understanding of fundamentals, and act as a guide for sizing and designing practical systems.

Handbook of photovoltaic science and engineering / edited by Antonio Luque and Steven Hegedus. p. cm. Includes bibliographical references and index. ISBN 0-471-49196-9 (alk. paper) 1. Photovoltaic cells. 2. Photovoltaic power generation. I. Luque, A. (Antonio) II. Hegedus, Steven. TK8322 .H33 2003 621.31 244-dc21 2002191033



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Encompassing a review of past work and the fundamentals in solar electric science, this is a leading reference and invaluable resource for all practitioners, consultants, researchers and ...

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economic analysis of various policy options to stimulate PV growth including effect of public and private investment. Detailed treatment covers: scientific basis of the photovoltaic effect and ...

Handbook of Photovoltaic Science and Engineering. Edited by A. Luque and S. Hegedus 2003 John Wiley & Sons, Ltd ISBN: 0-471-49196-9 360 HIGH-EFFICIENCY III-V MULTIJUNCTION SOLAR CELLS hn Antireflection coat Front grids n/p GaInP top cell Eg = 1.85 eV p/n tunnel junction n/p GaAs bottom cell Eg = 1.42 eV GaAs or Ge substrate Au back contact ...

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