



Faculty of Health, Science and Technology
Physics

Course Reading

Physics of Solar Cells

Valid from 01/15/2024

Course Code: FYAD14

Course Title: Physics of Solar Cells

Credits: 7.5

Degree Level: Master's level

Books

Arno HM Smets, Klaus Jäger, Olindo Isabella, René ACMM van Swaaij, Miro Zeman. *Solar energy*. UIT Cambridge Ltd ISBN-13 : 978-1906860325

Reference material

Adolf Goetzberger, Volker U. Hoffmann. *Photovoltaic Solar Energy Generation*. Springer ISBN 3-540-23676-7

Antonio Luque, Steven Hegedus. *Handbook of Photovoltaic Science and Engineering*. John Wiley & Sons Ltd ISBN 0-471-49196-9

Jenny Nelson. *The physics of solar cells*. London: Imperial College Press : distributed by World Scientific ISBN-13 : 978-1860943409

Martin A. Green. *Solar cells : operating principles, technology, and system applications*. Prentice-Hall ISBN 0 85823 580 3

Peter Würfel. *Physics of Solar Cells: From Principles to New Concepts*. WILEY-VCH Verlag GmbH & Co. KGaA ISBN 3-527-40428-7

Richard Corkish, Martin A. Green, Muriel E. Watt, Stuart R. Wenham. *Applied Photovoltaics*. Routledge ISBN-13 : 978-1844074013

Tom Markvart, Luis Castaner. *Practical Handbook of Photovoltaics: Fundamentals and*

Applications. Elsevier ISBN 1856173909

Approved by the Faculty Board of Health, Science and Technology 01/30/2024