

DAFTAR PUSTAKA

- [1] Thorsten Trupke, Peter Würfel, dan Martin A. Green, *Up/Down Conversion as New Means to Improve Solar Cell Efficiencies*, Universitas New South Wales (2003).
- [2] Photon-wikipedia, *the free encyclopedia.htm*, (2008).
- [3] Martin A. Greens, Prentice Hall, *Solar Cells, Operating Principles, Technology and System Applications*, University of New South Wales, (1998).
- [4] Quantum efficiency - Wikipedia, the free encyclopedia, (2009)
- [5] Quantum efficiency of a solar cell-Wikipedia, the free encyclopedia, (2009)
- [6] Claudia Strümpel, *Application of Erbium-Doped Up-Converters To Silicon Solar Cells*, Desertation, Universtiat Konstanz, November (2007)
- [7] Nji Raden Poespawati, *Semiconductor dan p-n junction (solar cell)*, Power point file, Departemen Teknik Elektro, Universitas Indonesia, (2007)
- [8] Jean – Francois Guillecemois, dan Stefan Ketteman, *Advanced Concepts for Photo Voltaic Conversion :Bridging the gap from theory to real device?* (2003).
- [9] MIT Integrated Microelectronic Device, *Lecture 4-Carrier Generation and Recombination*, September 2002
- [10] Claudia Strümpel^{1*}, Michelle McCann^{1,2}, Giso Hahn^{1,3}, ¹University of Konstanz, Department of Physics, Konstanz Germany, ²Now with Spark Solar Australia, Australia, ³Also with Fraunhofer Institute for Solar Energy Systems (ISE), Heidenhofstr, Freiburg, Germany, “Influence Of Hygroscopy On The Optical Properties Of The Up-Converter $BaCl_2:Er^{3+}$ ”, 2008.
- [11] A.Shalav, B.S Richards, M.A Green, “*Luminescent Layer For Enhanced Silicon Solar Cell Performance : Up-conversion*”, Elsevier, Science Direct, Solar Energi Materials & Solar Cells (2007).

- [12] N.J.Ekins-Daukesa, I. Ballarda, C.D.J. Caldera, K.W.J. Barnhama, T. Trupke, A. Brown, J.S. Robertsc, G. Hillc aExperimental Solid State Physics, Imperial College, London SW7 2BW, U.K. bCentre of Excellence for Advanced Silicon Photovoltaics and Photonics, University of New South, Wales, NSW 2052, Australia cEPSRC III-V Facility, University of Sheffield, Sheffield, U.K.
- [13] H.J Kim and J.S Song, *Efficiency Enhancement of Solar Cell by Down-Conversion Effect of Eu³⁺ Doped LiGdF₄*, Electric and Magnetic Devices Research Group, Korea Electrotechnology Research Institute, Changwon, (2003).
- [14] <http://oe.nrcan.gc.ca/publications/equipment/lighting/Section3>.
- [15] <http://km2000.us/solar/>.
- [16] C. Strümpel¹, M. McCann¹, C. del Cañizo², I. Tobias² and P. Fath¹,¹University of Konstanz, Faculty of Physics, Konstanz, Germany, ²Instituto de Energía Solar, E.T.S.I. Telecom. UPM. Ciudad Universitaria, Madrid, Spain, "Erbium-Doped Up-Converter On Silicon Solar Cells : Assessment Of The Potential", (2007).
- [17] T. Trupke¹ and M.A Green¹, P. Würfel², "Improving solar cell efficiencies by up-conversion of sub-band-gap light", ¹Centre for Third Generation Photovoltaics, University of New South Wales, Australia, ²Institut für Angewandte Physik, Universität Karlsruhe, Germany, (2002).
- [18] T. Trupke¹ and M. A. Green¹, P. Würfel, "Improving Solar Cell Efficiencies by Down-Conversion of High-Energy Photons", ¹Centre for Third Generation Photovoltaic, University of New South Wales, NSW 2052, Australia, ²Institut für Angewandte Physik, Universität Karlsruhe, Germany, (2002).
- [19] C. Strümpel¹, M. J. McCann^{1*}, G. Beaucarne², A. Slaoui³, C. del Canizo⁴, I. Tobias⁴, "Enhancing Silicon Solar Cell Efficiency by Modifying The Solar Spectrum", ¹University of Konstanz, Faculty of Physics, Germany, ²IMEC, Kapeldreef 75, B-3001, Leuven, Belgium, ³InESS, 23, rue du Loess - BP 20 CR - F-67037 STRASBOURG Cedex 2, France, ⁴Instituto de Energía Solar, Universidad Politécnica de Madrid, Ciudad Universitaria s/n, 28040, Madrid, Spain.

- [20] Hyun-Ju Kim, Jae-Sung Song[†], Dong-Yun Lee, and Won-Jae Lee, "*High-Energy-Photon Dividing Effects for Increasing The Efficiencies of Nano-Sized TiO₂ Solar Cells*", Electric & Magnetic Device Research Group, Korea Electrotechnology Research Institute, Gyeongnam 641-130, Korea (2004).

