

DAFTAR PUSTAKA

- [1] Exxon Mobil, "2017 Outlook for Energy: A View to 2040." Exxon Mobil Corp., 2017.
- [2] "How Much Coal Is Left - Energy Explained, Your Guide To Understanding Energy - Energy Information Administration." [Daring]. Tersedia pada: https://www.eia.gov/energyexplained/index.cfm?page=coal_reserves. [Diakses: 13-Nov-2017].
- [3] Direktorat Jendral Energi Baru, Terbarukan, dan Konservasi Energi, *Buku Statistik EBTKE 2016*. Jakarta, 2016.
- [4] "Solar Panel Technology: What's the Latest Breakthrough? | EnergySage," *EnergySage Solar News Feed*, 20-Okt-2016. .
- [5] J. E. Cotter, J. H. Guo, P. J. Cousin, M. D. Abbott, F. W. Chen, dan K. C. Fisher, "P-Type Versus N-Type Silicon Wafers: Prospects for High-Efficiency Commercial Silicon Solar Cells," *IEEE Transaction Electron Devices*, vol. 53, no. 8, Agustus 2006.
- [6] E.-Y. Kim dan J. Kim, "Effects of the Boron-Doped p+ Emitter on the Efficiency of the n-Type Silicon Solar Cell," *Hindawi Publishing Corporation Advances in Material Science and Engineering*, 2013.
- [7] S. W. Glunz, S. Rein, J. Y. Lee, dan W. Warta, "Minority Carrier Lifetime Degradation in Boron-Doped Czochralski Silicon," *Journal of Applied Physics*, vol. 90, 2001.
- [8] T. Saga, "Advances in Crystalline Silicon Solar Cell Technology for Industrial Mass Production," *NPG Asia Mater.*, 2010.
- [9] J. C. Irvin, "Resistivity of Bulk Silicon and of Diffused Layers in Silicon," *The Bell System Technical. Journal*, vol. 41, no. 2, hal. 387–410, Mar 1962.
- [11] D. Macdonald dan L. J. Geerligs, "Recombination Acticity of Interstitial Iron and Other Transition Metal Point Defects in p-Type and n-Type Crystalline Silicon," *Applied Physics Letter*, vol. 88, no. 18, 2004.
- [12] F. Schindler et al., "High-Efficiency Multicrystalline Silicon Solar Cells: Potential of n-Type Doping," *IEEE Journal of Photovoltaics*, vol. 5, no. 6, Nov 2015.
- [13] D. L. Meier dan D. K. Schroder, "Contact Resistance: Its Measurement and Relative Importance to Power Loss in a Solar Cell," *IEEE Transaction on Electron Devices*, vol. 31, no. 5, hal. 647–653, 1984.
- [14] N. Stem dan M. C. Sanchez, "Studies of Phosporus Gaussian Profile Emitter Silicon Solar Cells," *Material Research.*, vol. 4, no. 2, 2001.
- [14] S. M. Sze dan M.-K. Lee, *Semiconductor Device, Physics and Technology*, Ketiga. New York: John Wiley & Sons, Inc., 2012.
- [15] G. S. May dan S. M. Sze, *Fundamentals of Semiconductor Fabrication*. United States of America: John Wiley & Sons, Inc., 2004.
- [16] S. M. Sze dan K. K. Ng, *Physics of Semiconductor Devices*, Ketiga. New Jersey: John Wiley & Sons, Inc., 2007.
- [17] "Band Theory for Solids." [Daring]. Tersedia pada: <http://hyperphysics.phy-astr.gsu.edu/hbase/Solids/band.html>. [Diakses: 11-Agu-2017].

- [18] C. Honsberg dan S. Bowden, "PVEducation." [Daring]. Tersedia pada: <http://www.pveducation.org/>. [Diakses: 25-Jan-2018].
- [19] M. Razeghi, *Fundamentals of Solid State Engineering*. New York: Kluwer Academic Publishers, 2002.
- [20] S. R. Wenham, M. A. Green, M. E. Watt, dan R. Corkish, *Applied Photovoltaics*, Kedua. London: Earthscan, 2007.
- [21] M. R. Narayanan dan H. Al-Nashash, "Introducing Undergraduate Students to Simulation of Semiconductor Doping Techniques," Elsevier Computers and Electrical Engineering, vol. 35, 2009.
- [22] "The P-N Junction." [Daring]. Tersedia pada: <http://hyperphysics.phy-astr.gsu.edu/hbase/Solids/pnjon.html#c2>. [Diakses: 23-Okt-2017].
- [23] M. A. Green, *Solar Cells*. New Jersey: Prentice-Hall, Inc., 1982.
- [24] A. Goetzberg, J. Knobloch, dan B. Voss, *Crystalline Silicon Solar Cells*. New York: John Wiley & Sons, Inc., 1994.
- [25] H. Irdiantoro, "Analisis Pengaruh Konsentrasi Puncak Boron dan Kedalaman Junction terhadap Kinerja Sel Surya Silikon Monokristal Tipe-N," Skripsi, Universitas Gadjah Mada, Yogyakarta, 2016.
- [26] P. A. Basore, "PC1D Help Index." University of New South Wales, 2003.
- [27] P. A. Basore, D. T. Rover, dan A. W. Smith, "PC-1D Version 2: Enhanced Numerical Solar Cell Modelling," 20th IEEE Photovoltaic Specialist Conference, hal. 389–396, 1988.
- [28] P. A. Basore dan D. A. Clugston, "PC1D Version 4 for WIndows: From Analysis to Design," 25th IEEE Photovoltaic Specialist Conference, hal. 377–381, 1996.