

REFERENCES

- [1] U.S. Department of Energy Federal Energy Management Program (FEMP), "Photovoltaics," 08 August 2012. [Online]. Available: <http://www.wbdg.org/resources/photovoltaics.php>.
- [2] C. Tanjaya, "Analyzing and Designing Control System for Three Phase Inverter for Photo Voltaic Application Based on FPGA," Swiss German University, BSD, 2010.
- [3] Northern Arizona Wind & Sun, "Deep Cycle Battery Frequently Asked Questions," [Online]. Available: <http://www.solar-electric.com/deep-cycle-battery-faq.html>.
- [4] Starting Electronics, "Measuring DC Voltage using Arduino," 23 May 2013. [Online]. Available: <http://startingelectronics.org/articles/arduino/measuring-voltage-with-arduino/>.
- [5] Embedded Lab, "A Brief Overview of Allegro ACS712 Current Sensor (Part 1)," 25 January 2012. [Online]. Available: <http://embedded-lab.com/blog/?p=4469>.
- [6] M. Rouse, "Microcontroller," March 2012. [Online]. Available: <http://whatis.techtarget.com/definition/microcontroller>.
- [7] Arduino, "Arduino," [Online]. Available: <http://www.arduino.cc/en/Main/Software>. [Accessed 2015 June 16].
- [8] T. Hirzel, "PWM," [Online]. Available: <http://www.arduino.cc/en/Tutorial/PWM>.
- [9] A. R. Reisi, M. H. Morardi and S. Jamasb, "Classification and Comparison of Maximum Power Point Tracking Techniques for Photovoltaic System: A Review," *Renewable and Sustainable Energy Reviews*, 2012.
- [10] A. Dolara, R. Faranda and S. Leva, "Energy Comparison of Seven MPPT Techniques for PV Systems," *J. Electromagnetic Analysis & Applications*, pp. 152-162, 2009.
- [11] D. Dutta, "Arduino MPPT Solar Charge Controller(Version-3.0)," [Online]. Available: <http://www.instructables.com/id/ARDUINO-SOLAR-CHARGE-CONTROLLER-Version-30/?ALLSTEPS>.
- [12] N. Mohan, T. M. Undeland and W. P. Robbins, *Power Electronics*, Wiley, 2003.