

DAFTAR PUSTAKA

- [1] <http://www.Segway.com>
- [2] Riyadi, Muhammad. 2009. *Pendeteksi Posisi Menggunakan Sensor Accelerometer MMA7260Q Berbasis Mikrokontroler Atmega32*. Universitas Diponegoro. Semarang.
- [3] Grasser, Felix; D'arrigo, Aldo; Colombi, Silvio; Rufer, Alfred (2001), "JOE: A Mobile, Inverted Pendulum", *Laboratory of Industrial Electronics Swiss Federal Institute of Technology Lausanne*
- [5] Colton, Shane, "A Simple Solution For Integrating Accelerometer And Gyroscope Measurements For A Balancing Platform", Submitted as a chief Delphi white paper, 25 Juni 2007.
- [6] Laksana, Andra, "Balancing Robot Beroda Dua Menggunakan Metode Kendali Proporsional Integral", Makalah, Jurusan Teknik Elektro Universitas Diponegoro, 2011.
- [7] Royyan, M., 2015. *Implementation of Kalman Filter and PID Controller for Inverted Pendulum Robot*. Telkom University
- [8] Bobby, Grace., 2015 *Desing and Implementsion of Balance two-Wheeled Robot Based Microcontroller*. Telkom University
- [9] Handry, K., dan Purwanto. D., Kesetimbangan Robot Beroda Dua Menggunakan Metode Fuzzy Logic,
- [10] Heryanto, M.Ary dan Wisnu Adi. "Pemrograman Bahasa C untuk mikrokontroler ATmega 8535". Yogyakarta : Penerbit Andi.
- [11] Datasheet AVR Microcontroller ATmega8535
- [12] Firdausi, A dan Setyo Budi, A., 2013. "Mekanika dan Elemen Mesin"
- [13] Messner, Bill & Tilbury, Dawn., 2011. *Control Tutorial For Matlab & Simulink*, <http://ctms.engin.umich.edu/CTMS/index.php?example=InvertedPendulum§ion=SystemModeling>.