

## DAFTAR PUSTAKA

- [1] Changhyun Kim, Jaekyum Kim and Jun Won Choi “ *LQ-Servo Design with Reduced Order Observer for Two-wheeled Self-balancing Robot based on HIL Simulation* “. International Journal of Control and Automation Vol.8, No.12, 2015
- [2] Ogata, Katsuhiko. “ *Modern Control Engineering* ”. Prentie hall 2005.
- [3] Rich Chi Ooi. “*Balancing a Two-Wheeled Autonomous Robot*”. Faculty of Engineering and Mathematical Sciences University of Western Australia, 2003
- [4] Christian Sundin, Filip Thorstensson “*Autonomous balancing robot Design and construction of a balancing robot*”. Department of Signals and Systems CHALMERS UNIVERSITY OF TECHNOLOGY, 2012
- [5] Arduino, Arduino Mega <https://www.arduino.cc/en/Main/arduinoBoardMega>
- [6] Okko H. Bosgra, Huibert Kwakernaak, Gjerrit Meinsma ” *Design Methods for Control System*”
- [7] Greg Welch 1, Gary Bishop “*An Introduction to the Kalman Filter*”
- [8] Kristian Sloth Lauszus “*Kalman Filter*“
- [9] Hsin-Chuan Sung ” *Balancing Robot Control And Implementation*”, Mechanical Engineering of Texas A&M University
- [10] Péter Bauer, György Ritzinger, Alexandros Soumelidis, József Bokor “LQ Servo control design with Kalman filter for a quadrotor UAV”, periodica polytechnica .