



## DAFTAR PUSTAKA

- Adi, G. G., 2014. Purwarupa Sistem Kestabilan Pesawat Tanpa Awak Menggunakan Algoritma Fusion Sensor Kalman Filter Dan Sistem Kendali PID, *Skripsi*, Jurusan Ilmu Komputer dan Elektronika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Anderson, C., 2012, Using an Airspeed Sensor, <http://code.google.com/p/ardupilot-mega/wiki/Airspeed>, diakses tanggal 18 Desember 2015
- Bolton, W., 2006, Sistem Instrumentasi dan Sistem Kontrol, Erlangga, Jakarta.
- CASA, 2005, *Measurement of Airspeed in Light Aircraft – Certification Requirements*, Australian Government Civil Aviation Safety Authority, Canberra.
- Chairuzzaini, 1998, Pengenalan Metode Ziegler-Nichols pada Perancangan Kontroler pada PID, Universitas Brawijaya, Malang.
- Crawford, B., 2009, Longitudinal Maneuvering Stability, [http://www.flightlab.net/Flightlab.net/Download\\_Course\\_Notes\\_files/6\\_%20LongitudinalManeu%232BA152.pdf](http://www.flightlab.net/Flightlab.net/Download_Course_Notes_files/6_%20LongitudinalManeu%232BA152.pdf), diakses tanggal 25 November 2015
- Dharmawan, A., Ashari, A., dan Putra, A. E., 2016, *Quadrotor Flight Stability System with Routh Stability and Lyapunov Analysis*, Universitas Gadjah Mada, Yogyakarta.
- Dorf, R.C. dan Bishop, R.H., 2010, *Modern Control Systems*. Prentice Hall, New Jersey.
- Ducard, G. dan Geering, H. P., 2008. *Airspeed Control for Unmanned Aerial Vehicle : a Nonlinear Dynamic Inversion Approach*. Department of Mechanical and Process Engineering ETH Zurich, Switzerland.
- FAA, 1997, *Airworthiness Standards, Code of Federal Regulation*, 14 CFR 27.1323, U.S. Government Printing Office, Washington.
- FAA, 2003, *Pilot's Handbook of Aeronautical Knowledge*, United States Department of Transportation, Oklahoma.
- FAA, 2007, *Instrument Flying Handbook*, United States Department of Transportation, Oklahoma.
- Farnell, 2009, Integrated Silicon Pressure Sensor On-Chip Signal Conditioned, Temperature Compensated and Calibrated, <http://www.farnell.com/datasheets/614104.pdf>, diakses tanggal 18 Desember 2015
- Hobbyking, 2011, Bixler v1.1 EPO 1400mm, [http://hobbyking.com/hobbyking/store/\\_\\_16543\\_\\_Bixler\\_v1\\_1\\_EPO\\_1400](http://hobbyking.com/hobbyking/store/__16543__Bixler_v1_1_EPO_1400)



mm\_RTF\_Mode\_1\_Throttle\_Right\_Radio\_.html, diakses tanggal 18 Desember 2015

Majid, A., 2013. Identifikasi Model dari Pesawat Udara Tanpa Awak Sayap Tetap Jenis Bixler, *Skripsi*, Jurusan Ilmu Komputer dan Elektronika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Ogata, K., 2010, *Modern Control Engineering Fifth Edition*, Prentice Hall, New Jersey.

Pramadi, L. N., 2010. Perlukah NKRI Membentuk Skadron UAV (UAS)? <http://www.tandef.net/perlukah-nkri-membentuk-skadron-uav-uas>, diakses tanggal 1 Maret 2015

Pratama, F. N., 2013, Sistem Referensi Air Data, Attitude, Dan Heading Berbasis Arduino Due Pada Pesawat Terbang Tanpa Awak, *Skripsi*, Jurusan Ilmu Komputer dan Elektronika Fakultas MIPA Universitas Gadjah Mada, Yogyakarta.

Rangevideo, 2015, [http://www.rangevideo.com/2652-thickbox\\_default/rvosd-airspeed-kit-with-mpxv7002dp-and-pitot.jpg](http://www.rangevideo.com/2652-thickbox_default/rvosd-airspeed-kit-with-mpxv7002dp-and-pitot.jpg), diakses tanggal 8 November 2015

Rinaldi, M. A., 2012, Perancangan Dan Implementasi Kontroler PID Untuk Kestabilan Gerak Lateral Dan Longitudinal Unmanned Aerial Vehicles ( UAV ), Institut Teknologi Sepuluh November, Surabaya.

Rogers, D. F., 1999, Airspeed, <http://www.ae.metu.edu.tr/~ae462/Airspeeds.pdf>, diakses tanggal 20 November 2015

Takahashi, K., Fujimoto, H., dan Hori, Y., 2014. Airspeed Control of Electric Airplane Based on 2-Quadrant Thrust Control and Verification with Towing Test Using Electric Vehicle. Graduate School of Frontier Sciences of University of Tokyo, Japan.

Williams, S., 2010, Air Data Attitude and Heading Reference System (ADAHRS), <http://aviationglossary.com/air-data-attitude-and-heading-reference-system-adahrs>, diakses tanggal 15 November 2015

Yuliyanto, A. P., 2012, Perancangan Dan Implementasi Kontroler Pid Adaptif Untuk Trajectory Planning Gerakan Longitudinal Pada Sistem Navigasi UAV (Unmanned Aerial Vehicle), Institut Teknologi Sepuluh November, Surabaya.