

DAFTAR PUSTAKA

ArduPilot Developer Team, 2016, *Antenna Tracker Home Documentation*, <http://ardupilot.org/antennatracker/index.html>, [akses online tanggal 25 Oktober 2016].

Arnold, K.P., 2016, The UAV Ground Control Station: Types, Components, Safety, Redundancy, and Future Applications, *IJUSEng*, Vol. 4, No. 1, pp. 37–50.

Bevelacqua, Peter. J., 2008, Antenna Arrays: Performance Limits and Geometry Optimization, *Disertasi*, Arizona State University.

Bevelacqua, Peter. J., 2009, Antenna Theory, <http://www.antenna-theory.com>, [akses online tanggal 15 Desember 2016].

Brummelen, G. V., 2013, *Heavenly Mathematics: The Forgotten Art of Spherical Trigonometry*, Princeton Univeristy Press, New Jersey.

Bucella, Tim., 1997, *Servo Control of a DC-Brush Motor*, Teknic Division, Microchip Technology Inc.

Ceruti, Alessandro., De Crescenzo, Fransesca., dkk., 2004, Design of An Advanced Ground Station for Simultaneous Control of Multiple UAVs in A Coordinated Mission, 24th *International Congress of Aeronautical Sciences (ICAS)*.

Da Silva, F., Scott, S., Cummings, M., 2007, *Design Methodology for Unmanned Aerial Vehicle (UAV) Team Coordination*, Department of Aeronautics and Astronemics, Massachusetts Institute of Technolgy.

Diaz, D. F. M. dan Montilla, M. E. R., 2011, A ctive Tracking Position Antenna Base a Low Cost Approximation with Servo Gimbals, *Robotic Symposium IEEE Colombian Conference on Automatic Control and Industry Applications (LARC)*, Bogota, Kolombia.

Frew, Eric. W., Brown, Timothy. X., 2008, Networking Issues for Small Unmanned Aircraft Systems, *Journal of Intelligent and Robotic System Springer Science*, Vol. 54, No. 1–3, pp. 21–37.

Hadsanggeni, Hatyo., 2015, Perancangan Sistem Avionik Pesawat Tanpa Awak (*Unmanned Aerial Vehicle, UAV*) *Short Range* untuk Misi Pemantauan Bencana, *Skripsi FT DTMI Universitas Gadjah Mada*.

Jovanovic, Mladjan., Starcevic, Dusan., 2008, Software Architecture for Ground Control Station for Unmanned Aerial Vehicle, 10th *International Conference on Computer Modelling and Simulation*, University of Belgrade.

Joseph, J. Carr, Directional or Omnidirectional?, *Universal Radio Research*, Reynoldsburg, Ohio.

Malau, Viktor., 2014, *Diktat Elemen Mesin 2*, Departemen Teknik Mesin dan Industri Fakultas Teknik, Universitas Gadjah Mada.

Manggala, A. P., 2012, Purwarupa *Air Data, Attitude, And Heading Reference System* untuk Pesawat Terbang Tanpa Awak Sayap Tetap, *Skripsi FMIPA* Universitas Gadjah Mada, Yogyakarta.

Nugraha, Mahendra, B., 2015, Penerapan Sistem Kendali PID Pada Antena Pendeteksi Koordinat Posisi UAV, *IJEIS*, Vol. 5, No. 2, pp. 187–198.

Nugraha, Mahendra, B., 2014, Penerapan Sistem Kendali PID Pada Antena Pendeteksi Koordinat Posisi Pesawat Udara Tanpa Awak, *Skripsi FMIPA* Universitas Gadjah Mada, Yogyakarta.

Ogata, Katsuhiko., 2010, *Modern Control Engineering 5th Edition*, Prentice Hall, New Jersey.

Suryana, Joko., Hariyadi, Tommi., Irwanto, H.Y., 2013, Design and Implementation of Moving Object Tracker for UAV/Rocket Ground Station, *International Conference of Information and Communication Technology (ICoICT)*, Bandung, Indonesia.

Stojcsics, D., Molnar, Andras., 2012, AirGuardian - UAV Hardware and Software System for Small Size UAVs, *International Journal of Advanced Robotic System*, Vol. 9, No. 174.

Stojcsics, D. dan Somlyai L., 2010, Improvement Methods of Short Range and Low Bandwidth Communication for Small Range UAV, *IEEE 8th International Symposium on Intelligent System and Informatics*, Subotica, Serbia.

Sundari, S. Mohana., 2013, Design of Antenna Pointing System (APS)-its Control and Communication Challenges, *International Conference on Control Communication and Computing (ICCC)*, Bangalore, India.

Torun, Erdal., 1999, UAV Requirements and Design Consideration, *Technical & Project Management Department*, Turkish Land Forces Command, Ankara.

Veness, C., 2010, *Calculate Distance, Bearing and More Between Latitude/Longitude Points*, <http://www.movabletype.co.uk/script/latlong.html>, [akses online tanggal 20 Desember 2016].