

## BIBLIOGRAPHY

- [1] International Civil Aviation Organization, "ICAO's circular 328 AN/190 : Unmanned Aircraft Systems," Montréal, Canada, 2011.
- [2] K. Alexis, G. Nikolakopoulos, A. Tzes, and L. Drihtas, "Coordination of helicopter UAVs for aerial Forest-Fire surveillance," in Applications of Intelligent Control to Engineering Systems. Springer Netherlands, June 2009, pp. 169–193.
- [3] Ly Dat Minh; Cheolkeun Ha; , "Modeling and control of quadrotor MAV using vision-based measurement," Strategic Technology (IFOST), 2010 International Forum on , vol., no., pp.70-75, 13-15 Oct. 2010.
- [4] I. C. Dikmen, A. Arisoy, and H. Temeltas, "Attitude control of a quadrotor," 2009, pp. 722–727.
- [5] T. Bresciani, "Modelling, identification and control of a quadrotor helicopter," Ph.D. dissertation, Lund University, 2008.
- [6] J. Harrison, J. Gallagher, and E. Grace, "An algorithm providing all-attitude capability for three-gimballed inertial systems," IEEE Transactions on Aerospace and Electronic Systems, vol. AES-7, no. 3, pp. 532–543, 1971.
- [7] Yun Yu, Shuo Yang, Mingxi Wang, Cheng Li, and Zexiang Li, "High performance full attitude control of a quadrotor on SO(3)," 2015, pp. 1698–1703.
- [8] Y. Yu, X. Ding, and J. J. Zhu, "Attitude tracking control of a quadrotor UAV in the exponential coordinates," J. Frankl. Inst., vol. 350, no. 8, pp. 2044–2068, Oct. 2013.
- [9] J. B. Kuipers, "Quaternions and Rotation Sequences: A Primer with Applications to Orbits, Aerospace and Virtual Reality," Princeton University Press, 1999.
- [10] S. A. Quadri and O. Sidek, "Error and Noise Analysis in an IMU using Kalman Filter," Int. J. Hybrid Inf. Technol, vol. 7, no. 3, pp. 39-48, 2014.

- [11] S. Colton, "The Balance Filter A Simple Solution for Integrating Accelerometer and Gyroscope Measurements for a Balancing Platform," 2007.
- [12] Q. Lin and H. P. E. Stem, "Analysis of a Correlation Filter for Thermal Noise Reduction in a MEMS Gyroscope," 2002.
- [13] E. Foxlin, "Inertial head-tracker sensor fusion by a complementary separate-bias kalman filter. In Proc," Virtual Reality Annual International Symposium the IEEE 1996, pages 185-194,267, March 30-April 3, 1996.
- [14] B. Barshan and H. F. Durrant-Whyte, "Inertial navigation systems for mobilerobots," 11(3):328-342, June 1995.
- [15] Sebastian O.H. Madgwick, "An efficient orientation filter for inertial and inertial/magnetic sensor arrays,"pp. 21, April 30, 2010.
- [16] E. Altuğ, J.P. Ostrowski, and C.J. Taylor, "Control of a quadrotor helicopter using dual camera visual feedback," International Journal of Robotics Research, 24(5):329–341, May 2005.
- [17] John J. Craig, "Introduction to Robotics Mechanics and Control," Pearson Education International, 2005.
- [18] J. Diebel, "Representing attitude: Euler angles, unit quaternions, and rotation vectors," 2006.
- [19] U Brandt, J.B. and Selig, M.S., "Propeller Performance Data at Low Reynolds Numbers," 49th AIAA Aerospace Sciences Meeting, AIAA Paper 2011-1255, Orlando, FL, January 2011.
- [20] Norman S. Nise, "Control System Engineering 6th Edition," California State Polytechnic Univerity, Pomona, 2011.