



- [1] K. Zhou, and J. C. Doyle, Essentials of robust control. Upper Saddle River, NJ: Prentice Hall, 1998.
- [2] A. A. Stoorvogel, The H [infinity] control problem: a state space approach. NY: Prentice Hall, 1992.
- [3] R. N. Clark, "Instrument Fault Detection," IEEE Transactions on Aerospace and Electronic Systems, vol. AES-14, no. 3, pp. 456-465, May 1978.
- [4] R. N. Clark, "A Simplified Instrument Failure Detection Scheme," in IEEE Transactions on Aerospace and Electronic Systems, vol. AES-14, no. 4, pp. 558-563, July 1978
- [5] Maxon, "S 2322 22 mm, Graphite Brushes, 6 Watt," 2322.983-11.225- 200 model datasheet, Mar. 2020
- [6] R. DeCarlo, Linear systems: a state variable approach with numerical implementation. NJ: Prentice Hall, 1989.
- [7] A. A. Stoorvogel and A. J. T. M. Weeren, "The discrete time Riccati equation related to the  $H_{\infty}$  control problem," 1992 American Control Conference, Chicago, IL, USA, 1992, pp. 1128-1132.
- [8] K. Zhou, J. C. Doyle, and K. Glover, Robust and optimal control. Upper Saddle River, NJ: Prentice Hall, 1996
- [9] C. Sanderson, and R. Curtin, "Armadillo: a template-based C++ library for linear algebra," Journal of Open Source Software, Vol. 1, pp. 26, 2016.
- [10] "MQTT Protocol" [Online]. Available: <http://mqtt.org/documentation> [Accessed 20<sup>th</sup> April 2020]
- [11] "Riverbank Computing," [Online]. Available: <https://riverbankcomputing.com/software/pyqt/intro>. [Accessed 2020 May 19]
- [12] M. Summerfield, Rapid GUI Programming with Python and Qt, Michigan: Prantice Hall, 2007.