

List of Publications

- [1] J. Baranowski, P. Bania, I. Prasad, and T. Cong, “Bayesian fault detection and isolation using field kalman filter,” *EURASIP Journal on Advances in Signal Processing*, vol. 2017, no. 1, pp. 1–11, 2017.
- [2] T. Cong and J. Baranowski, “Binary classifier for fault detection based on gaussian model and pca,” *IFAC-PapersOnLine*, vol. 51, no. 24, pp. 1317–1323, 2018.
- [3] —, “Binary classifier for fault detection based on kde and pca,” in *2018 23rd International Conference on Methods & Models in Automation & Robotics (MMAR)*. IEEE, 2018, pp. 821–825.
- [4] R. Tan, T. Cong, N. F. Thornhill, J. R. Ottewill, and J. Baranowski, “Statistical monitoring of processes with multiple operating modes,” *IFAC-PapersOnLine*, vol. 52, no. 1, pp. 635–642, 2019.
- [5] R. Tan, T. Cong, J. R. Ottewill, J. Baranowski, and N. F. Thornhill, “An on-line framework for monitoring nonlinear processes with multiple operating modes,” *Journal of Process Control*, vol. 89, pp. 119–130, 2020.
- [6] T. Cong, R. Tan, J. R. Ottewill, N. F. Thornhill, and J. Baranowski, “Anomaly detection and mode identification in multimode processes using the field kalman filter,” *IEEE Transactions on Control Systems Technology*, 2020.