

## LIST OF PUBLICATIONS

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### JOURNAL PUBLICATIONS

A switching-free multiple-model approach for adaptive FTC of non-lipschitz nonlinear uncertain systems under persistent actuator failures – **Chakravarty, A.**, Mahanta, C., Wang, W. and Kar, I. - *IFAC Journal of Systems and Control*, (2022)

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Enhanced Dynamic Performance in DC-DC Converter-PMDC Motor Combination through an Intelligent Nonlinear Adaptive Control Scheme – Nizami, T.K., **Chakravarty, A.**, Mahanta, C., Iqbal, A., Hossainpour, A. – *IET Power Electronics* (2022)

An Efficient Event Based Adaptive Sliding Mode Control for Spacecraft Attitude Stabilization – Amrr, S. M., **Chakravarty, A.**, Nabi, M.- *AIAA Journal of Guidance, Control and Dynamics*, (2022)

Improved Event-Triggered adaptive control of nonlinear uncertain networked systems – Allssa, S., **Chakravarty, A.**, Kar, I. – *IET Control Theory and Applications (CTA)*, 13(13), pp. 2146 – 2152 (2019)

Adaptive compensation of actuator failures using multiple models – **Chakravarty, A.**, Nizami, T.K., Kar, I., Mahanta, C. – *IFAC PapersOnline*, 50(1) (2017)

Actuator fault-tolerant control (FTC) design with post-fault transient improvement for application to aircraft control – *International Journal of Robust and Nonlinear Control (Wiley)*, 26 (10), pp. 2049 – 2074 (2016)