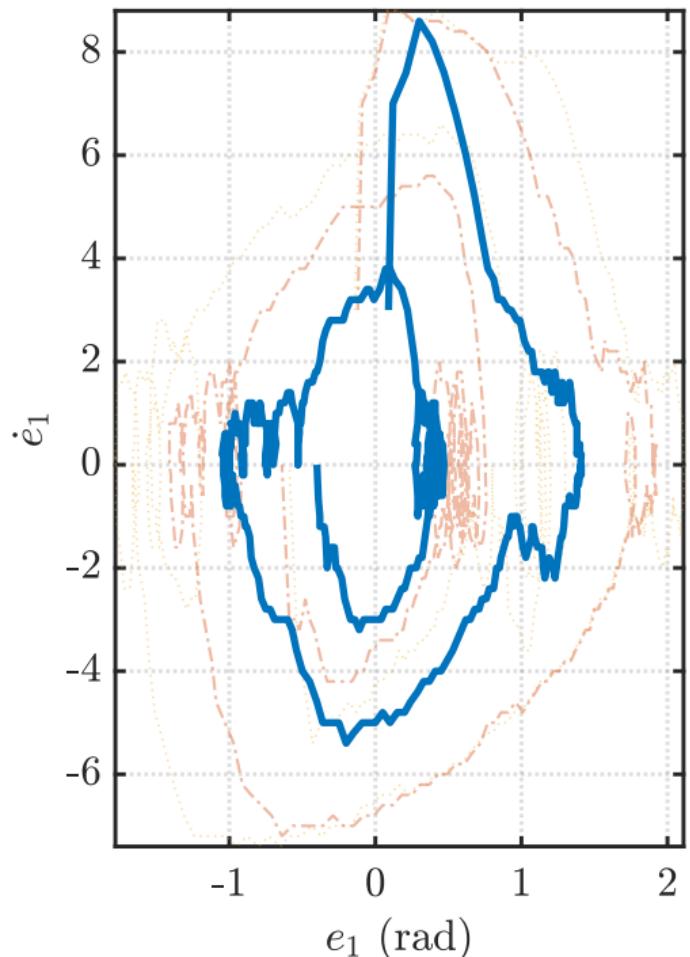
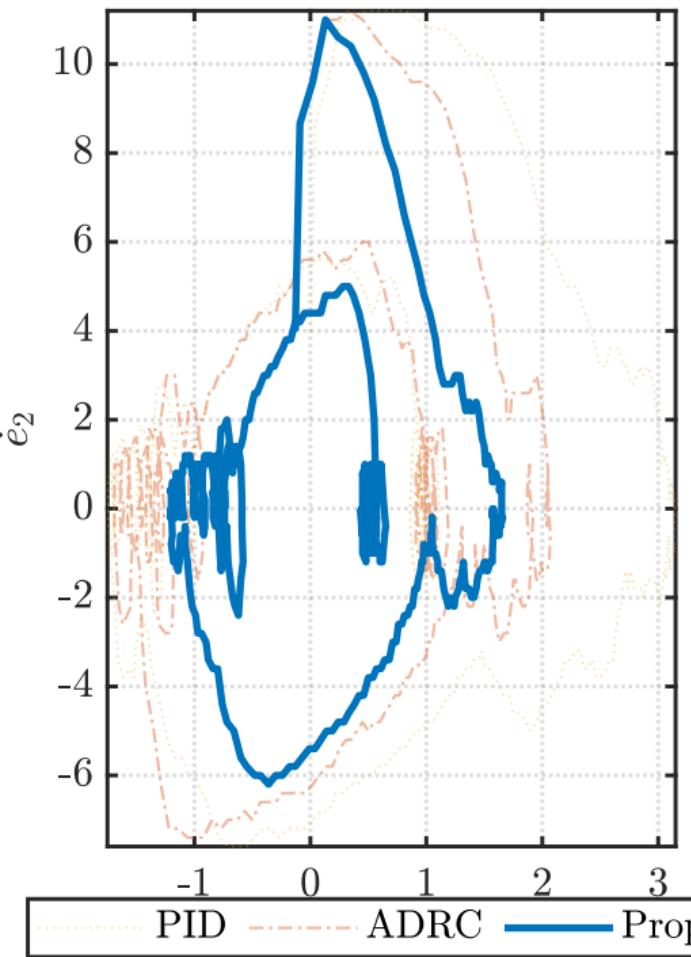


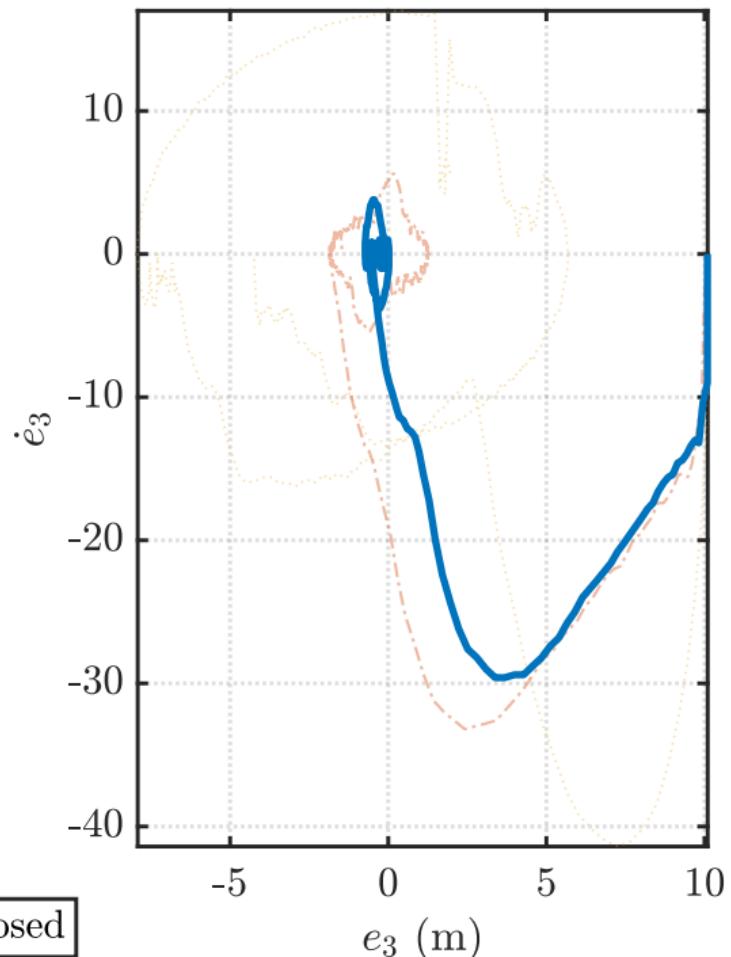
(a) Joint 1 Phase Portrait



(b) Joint 2 Phase Portrait



(c) Joint 3 Phase Portrait



— PID - - - ADRC — Proposed