% ==== PID + Deadband Settings ====

Voltage = 12v

Kp = 2.0;

Ki = 0.1;

Kd = 0.05;

DB = 2; % deadband tolerance in degrees







% ==== PID + Deadband Settings ====

Kp = 1.9606;

Ki = 6.1645;

Kd = 0.1559;

DB = 2; % deadband tolerance in degrees







% ==== PID + Deadband Settings ====

Kp = 1.9667;

Ki = 6.0647;

Kd = 0.1594;

DB = 2; % deadband tolerance in degrees







% ==== PID + Deadband Settings ====

Voltage = 7.4v

Kp = 1.9480; %Kp = 1.9667;

Ki = 4.4022; %6.0647

Kd = 0.2155; %0.1594

DB = 2; % deadband tolerance in degrees









