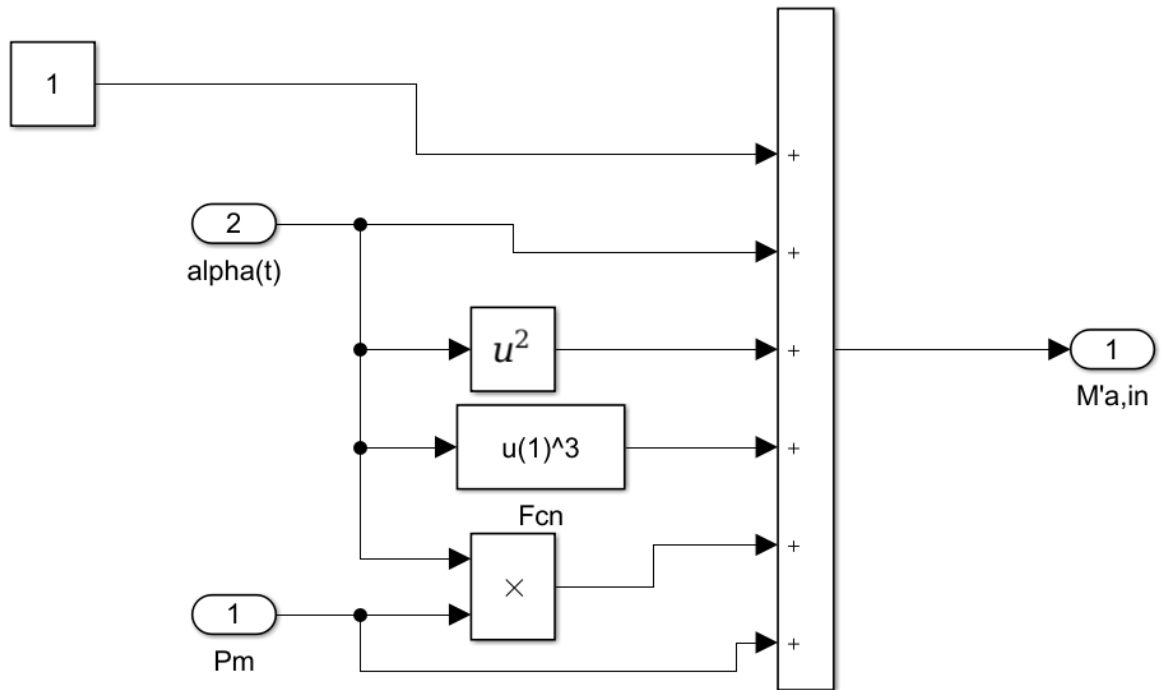
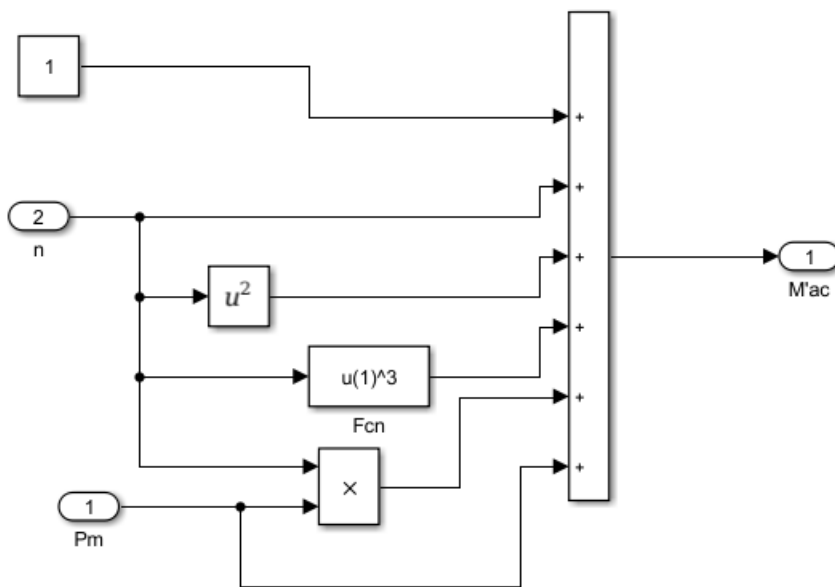


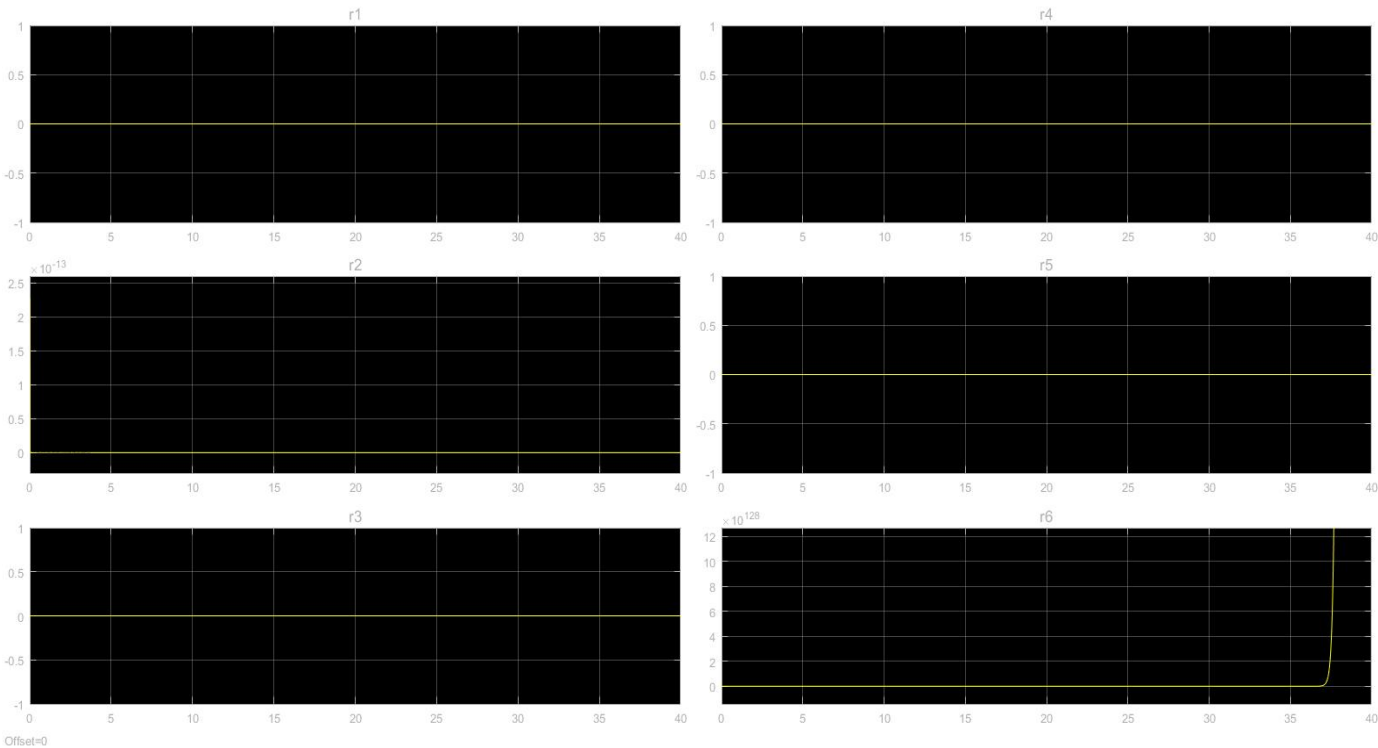
F



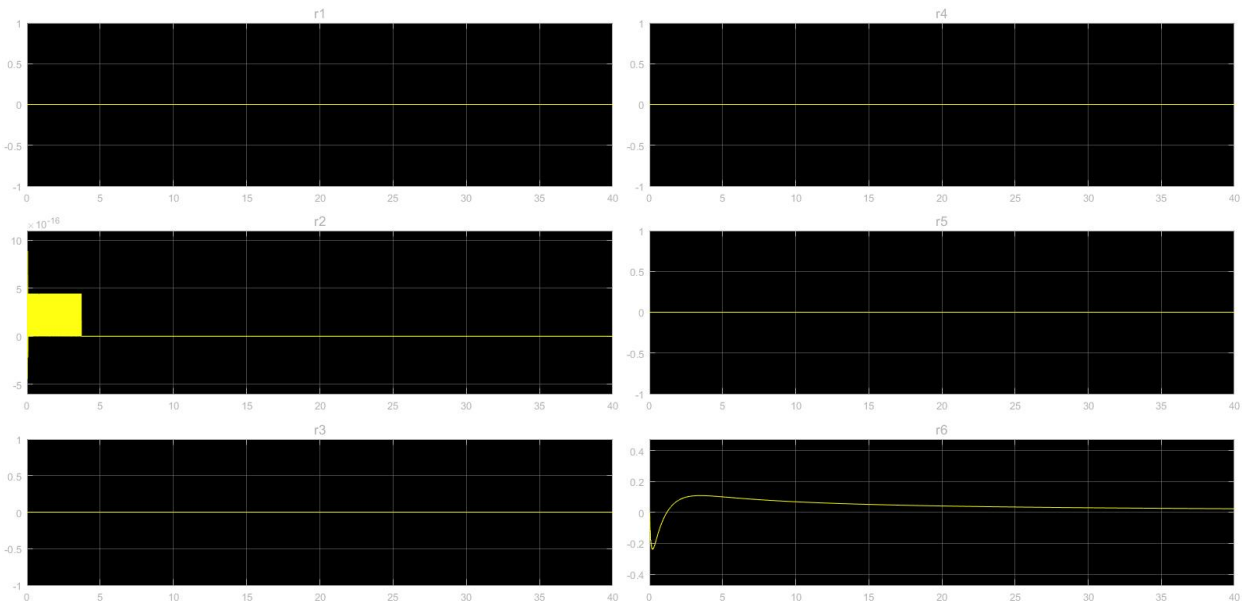
G



Residuals at zero fault (@ residual 6: A=8)



Residuals at zero fault (@ residual 6: A=-10)

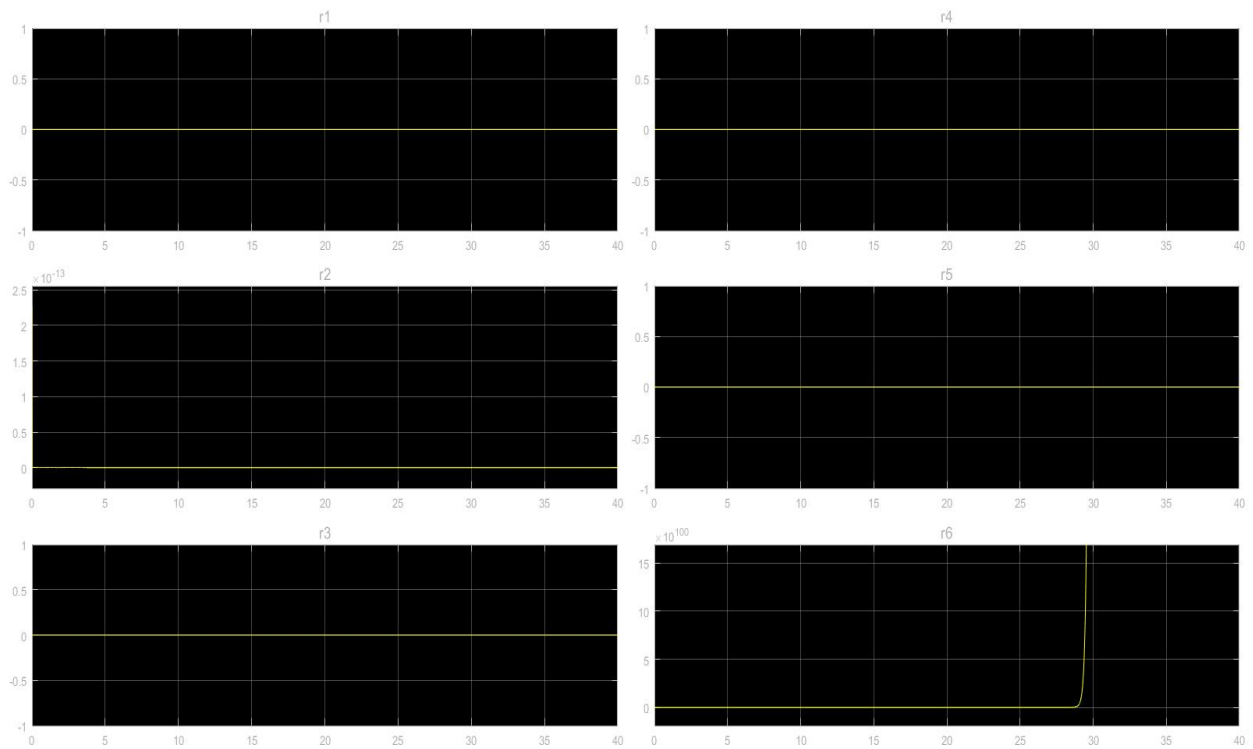


PID controller is tuned using Simulink built-in tuner:

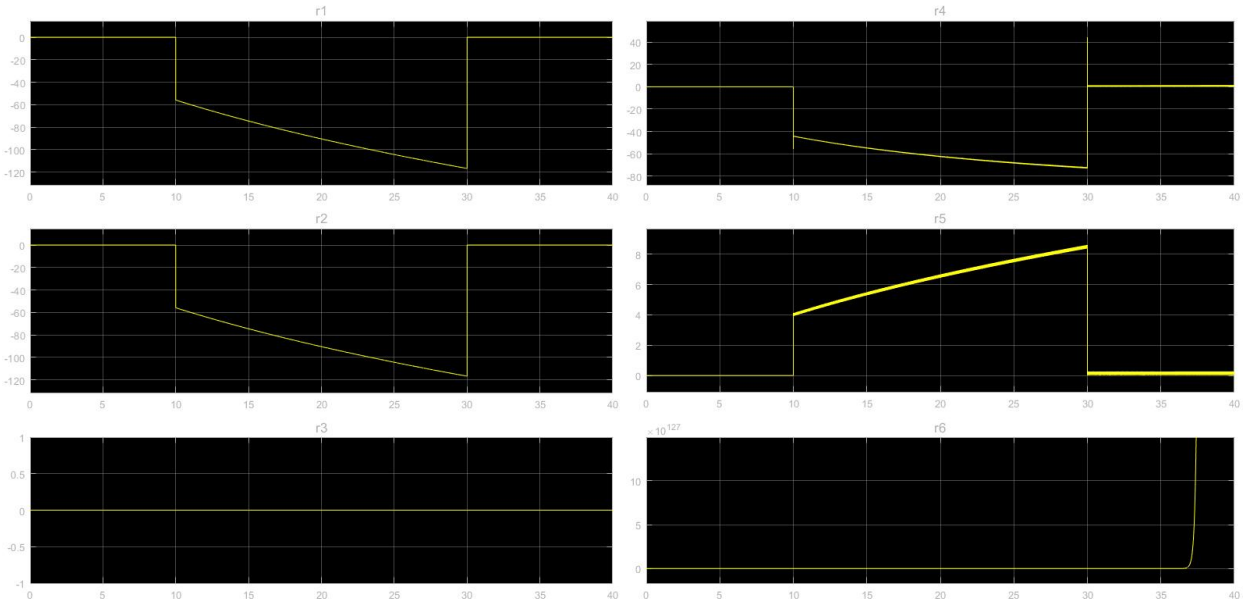
Controller parameters

Source:	internal
Proportional (P):	233.054822677898
Integral (I):	587.459323889785
Derivative (D):	22.5964910493758
Filter coefficient (N):	2745.99038877462

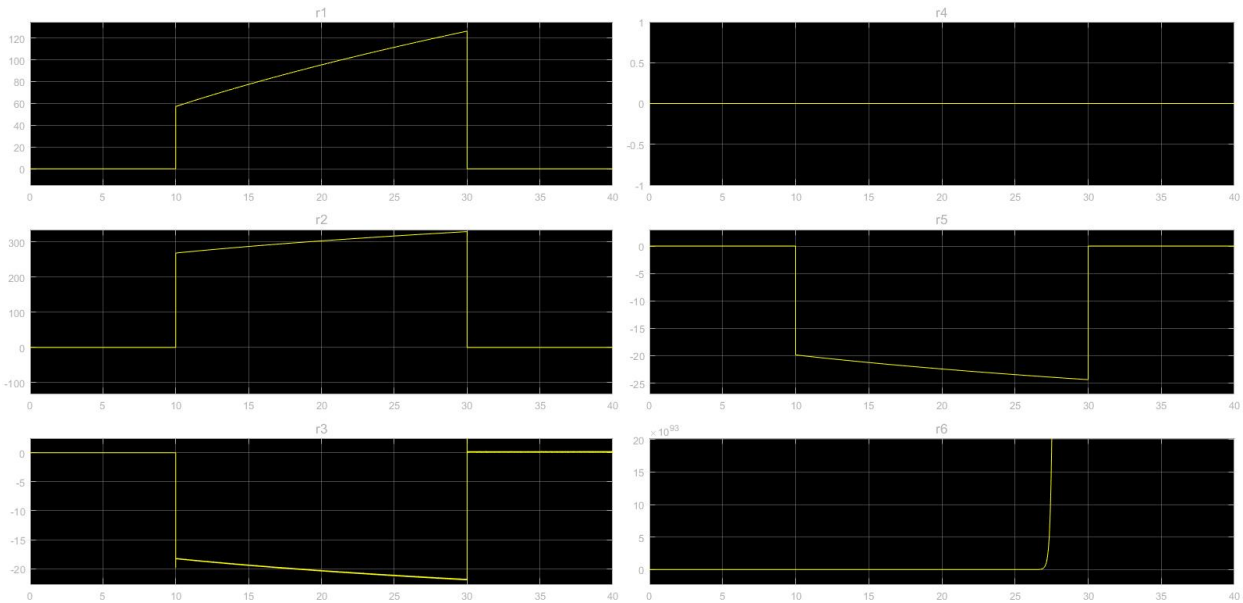
Residuals at 20% actuator fault:



Residuals at 10% air fuel mass fault:



Residuals at 10% pressure fault:



Residuals at 10% throttle fault:

