

Homework #7: Simulink

Note that the material for this homework is adapted from Control Tutorials for MATLAB and Simulink (CTMS)¹

A. Aircraft Pitch: System Modeling

Follow the instructions provided at

<http://ctms.engin.umich.edu/CTMS/index.php?example=AircraftPitch§ion=SystemModeling>

to understand the necessary background for the system model that is used in the second part of this homework.

B. Aircraft Pitch: Simulink Modeling

Follow the instructions at

<http://ctms.engin.umich.edu/CTMS/index.php?example=AircraftPitch§ion=SimulinkModeling>

to implement the equations in the first part as a model in Simulink and see the results.

¹ <http://ctms.engin.umich.edu/CTMS>