Automotive Control Systems

CarSim 2019.0 Yaw control

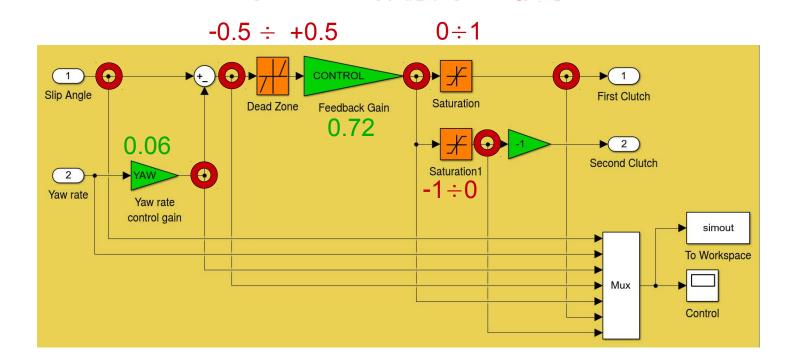
References:

- Dataset "Yaw Control Diff., DLC w/ Low Mu" from Simulink and LabVIEW Models subset
- Powertrain System (pages 35-36) from Powertrain Help menu

Stefano Malan

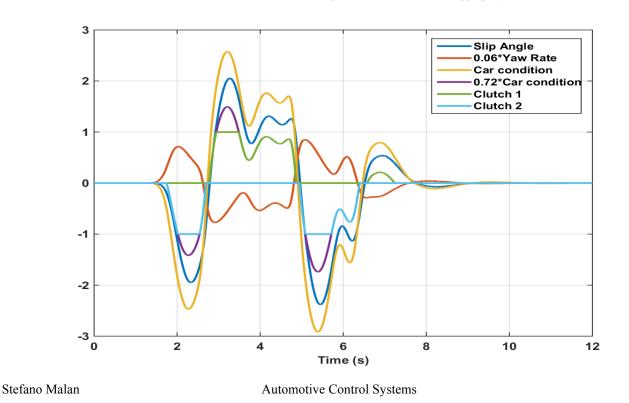
Automotive Control Systems

Yaw controller scheme

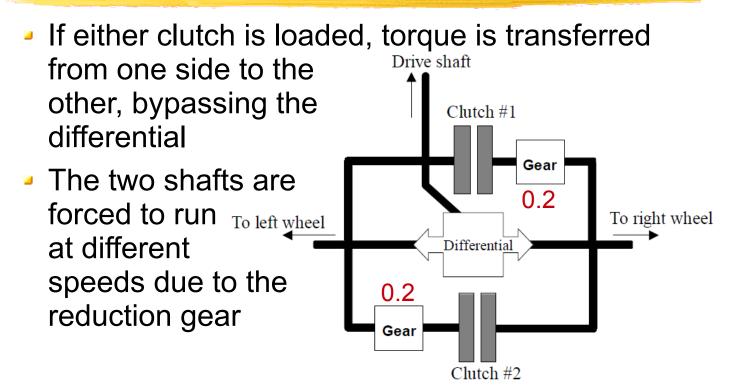


1

Simulation results



Yaw Control differential



3

Active differential

The CarSim control device is similar to an active differential



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