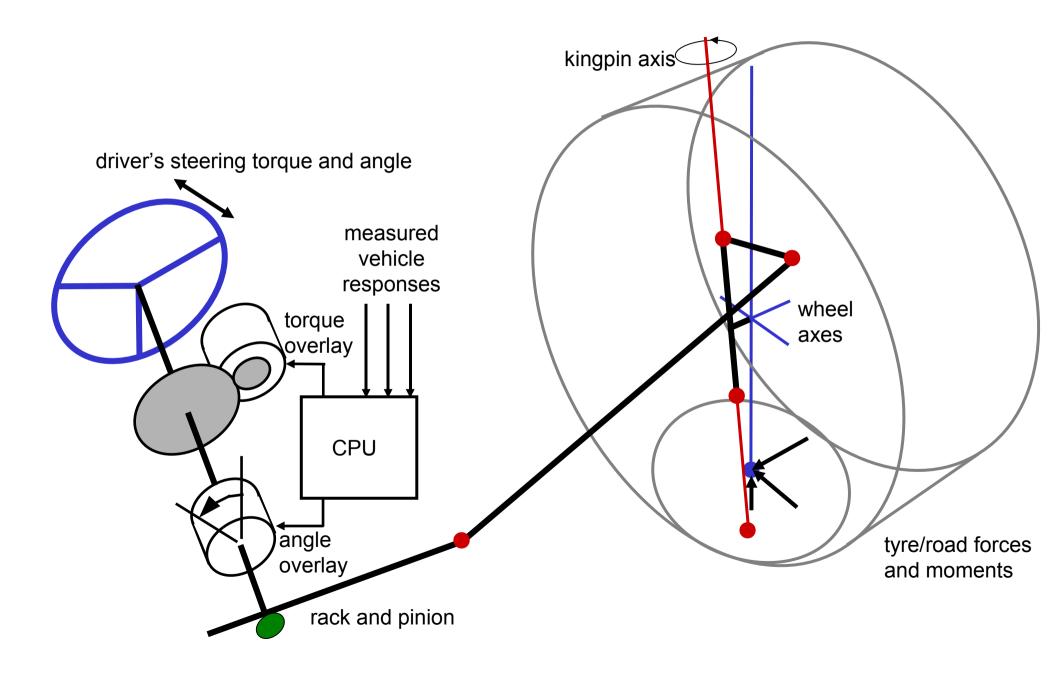
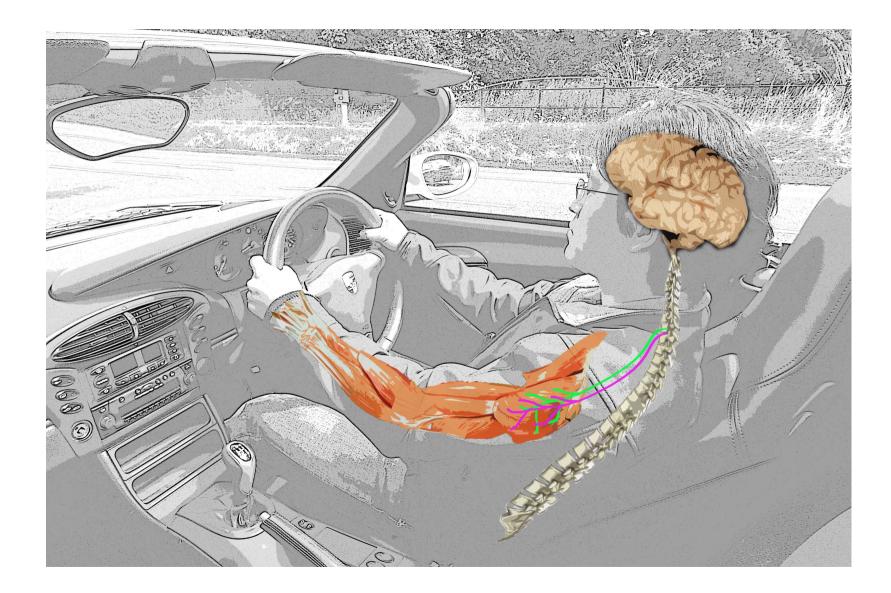
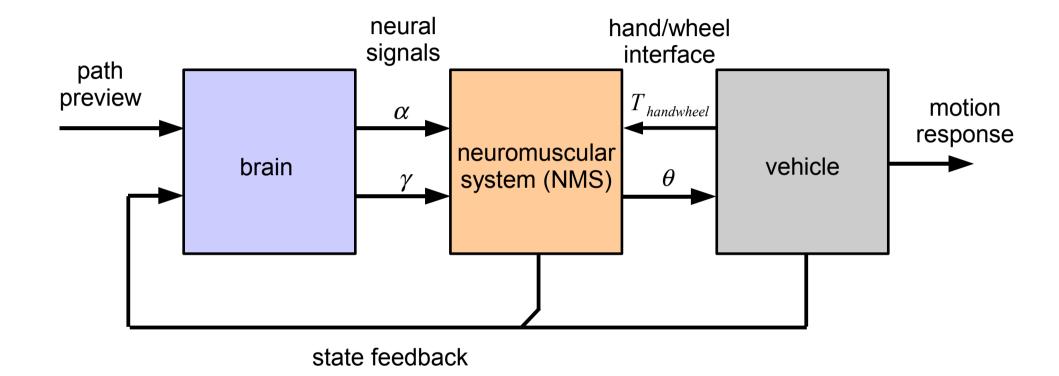
## Steering feedback: modelling its effect on driver and vehicle

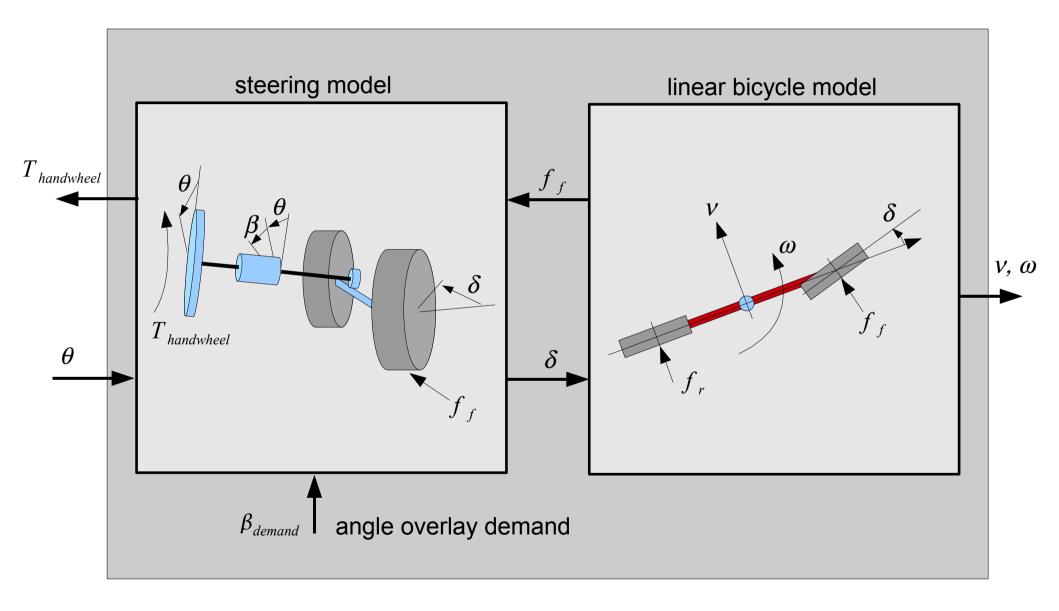
**David Cole** 

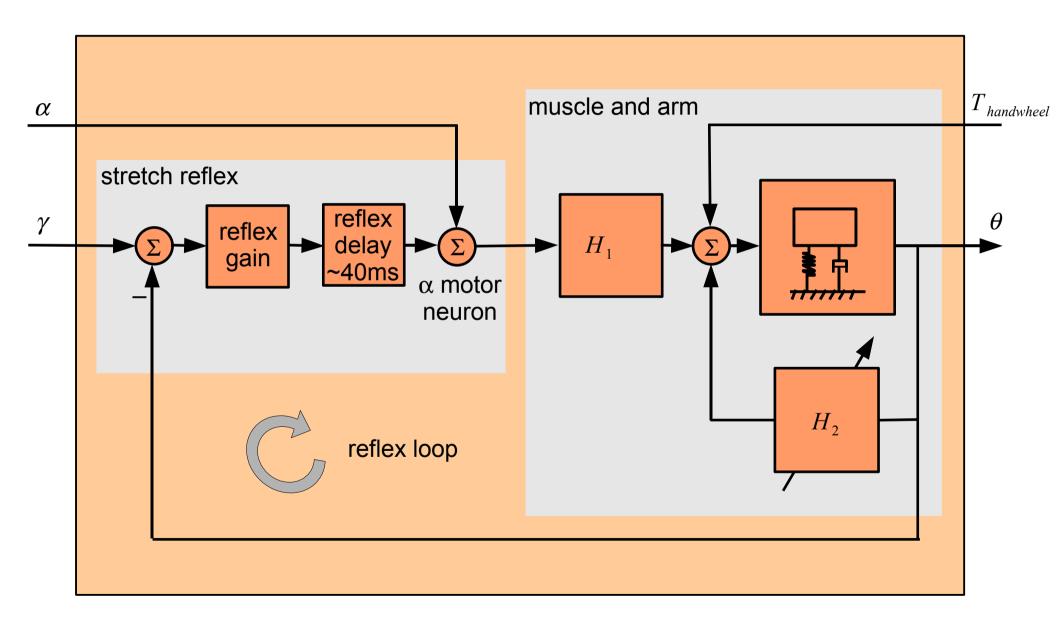
Driver-Vehicle Dynamics Group Cambridge University Engineering Department www.vehicledynamics.org



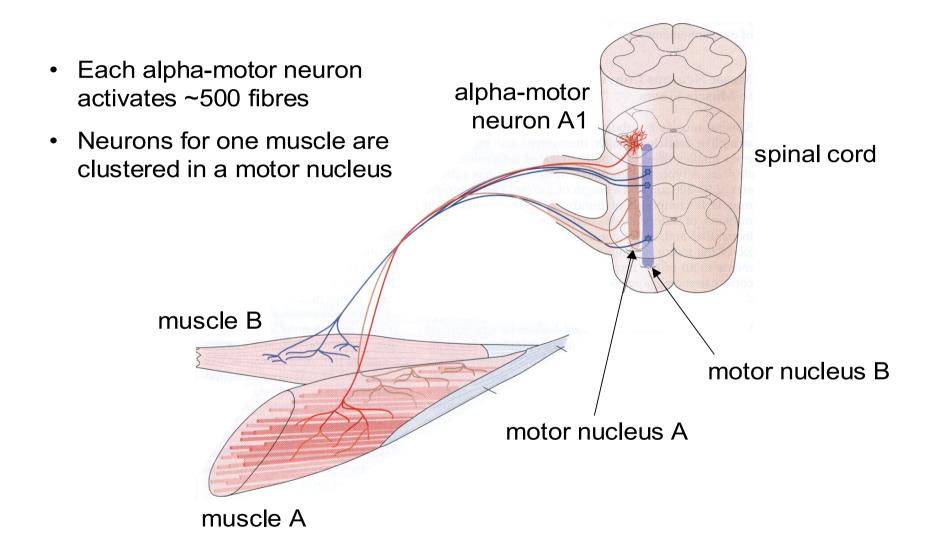


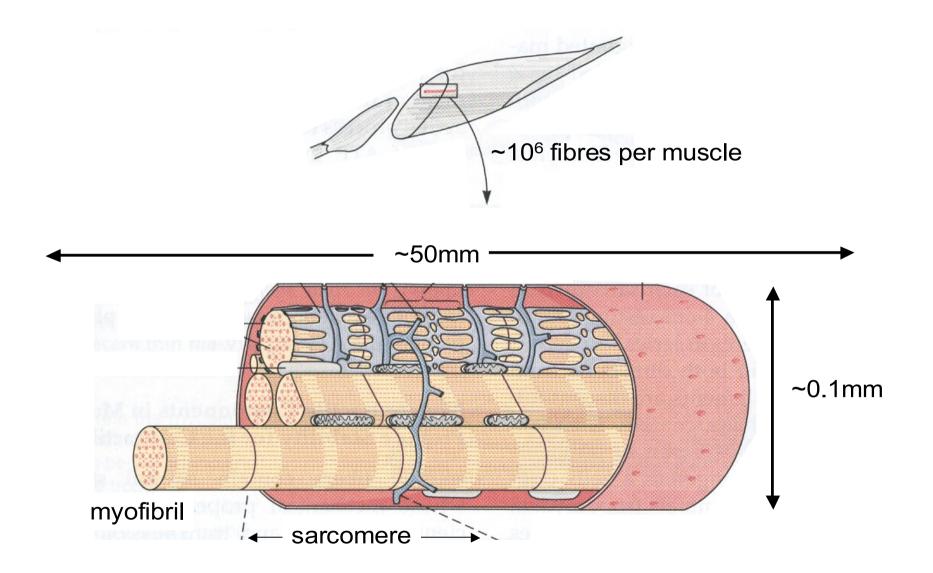


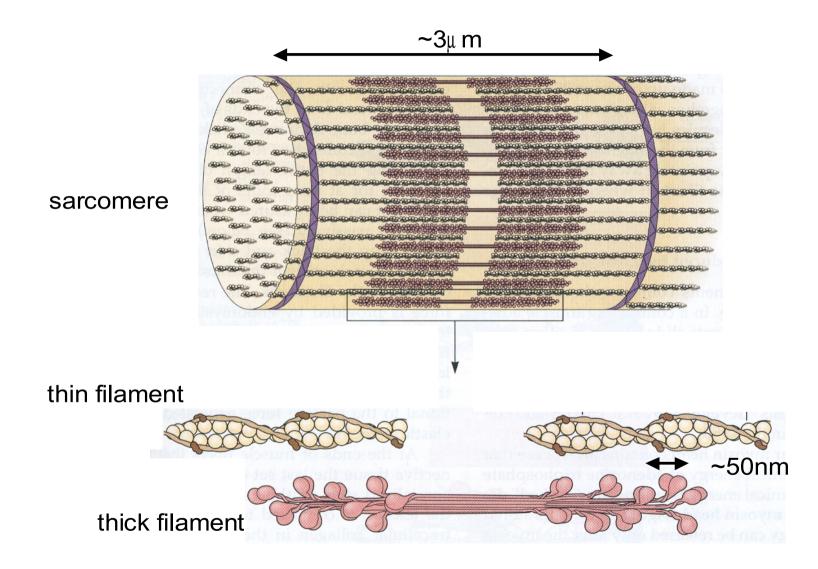


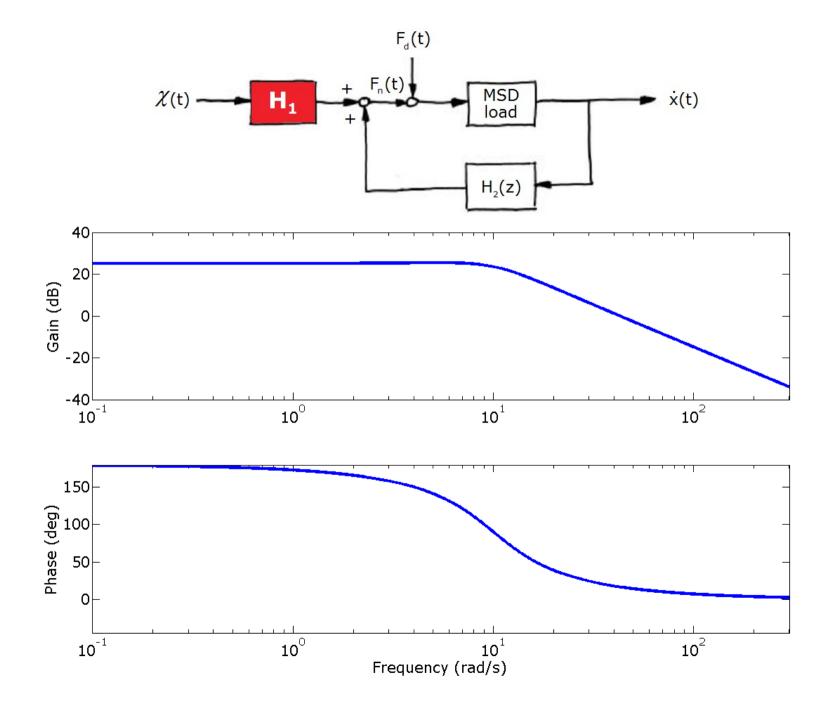


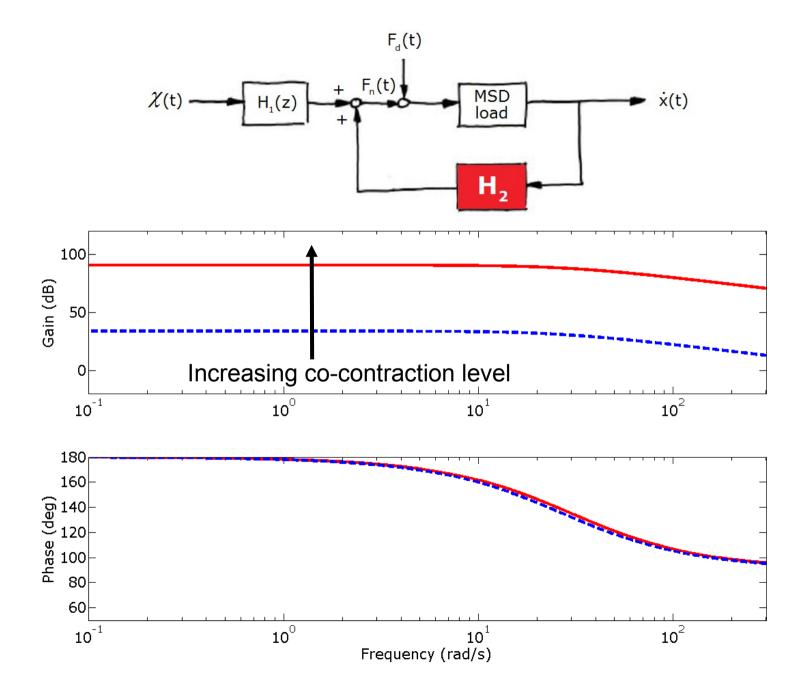




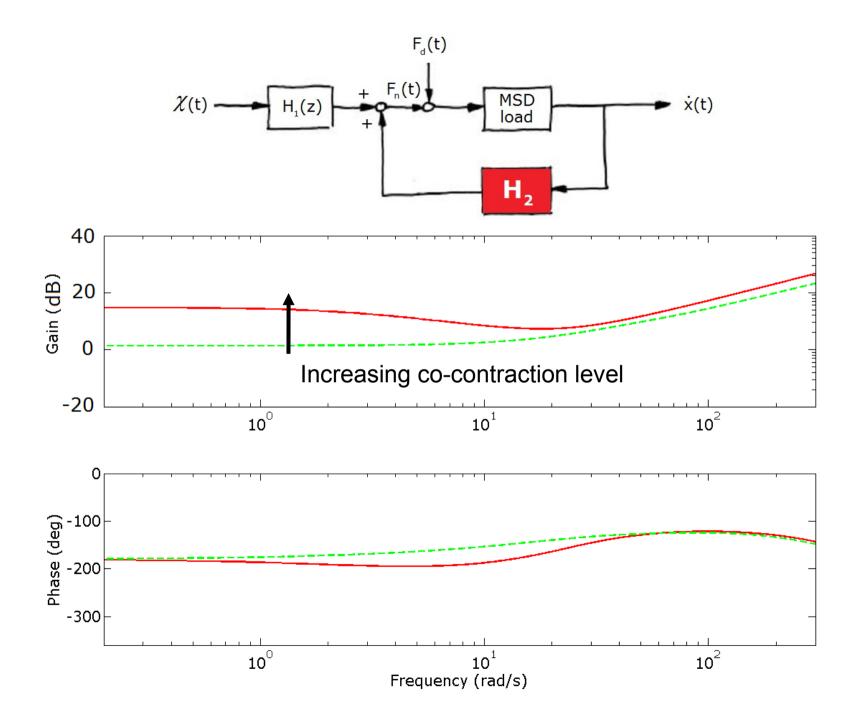


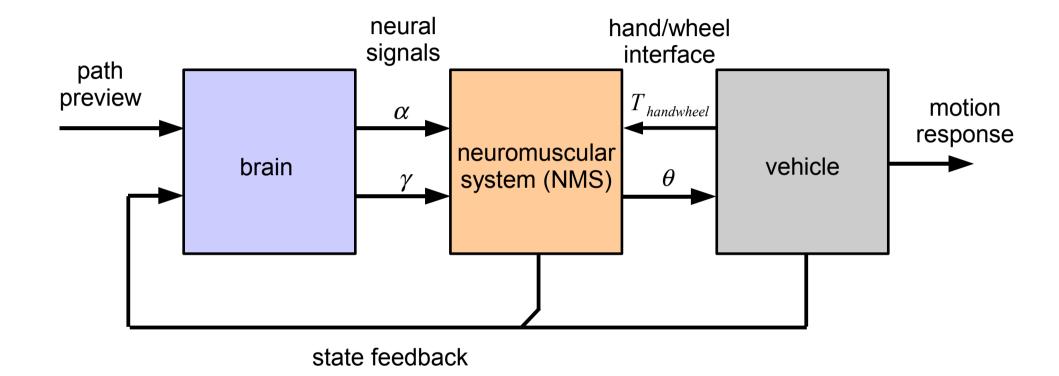


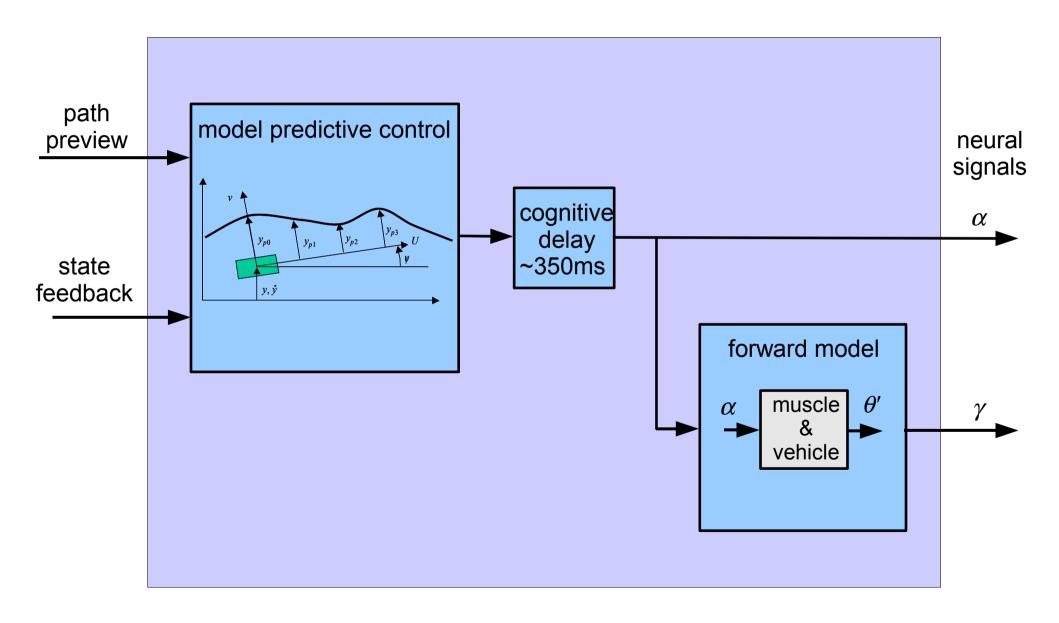


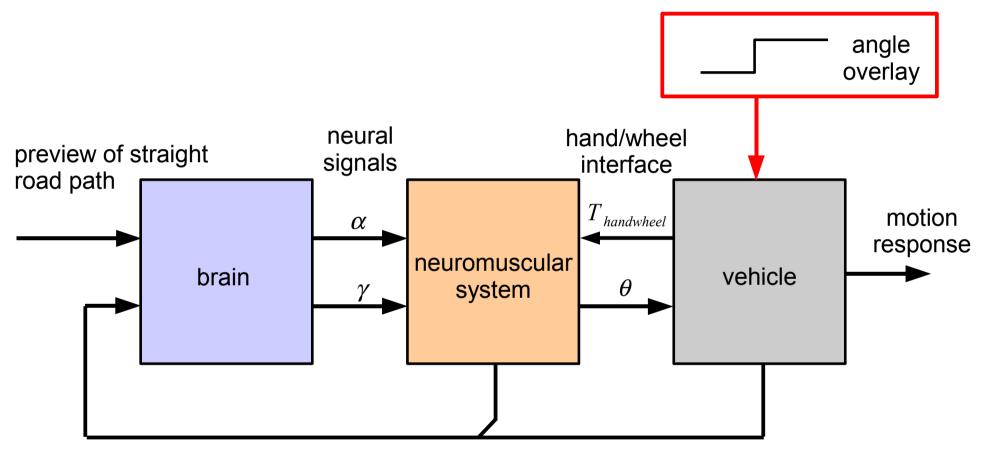




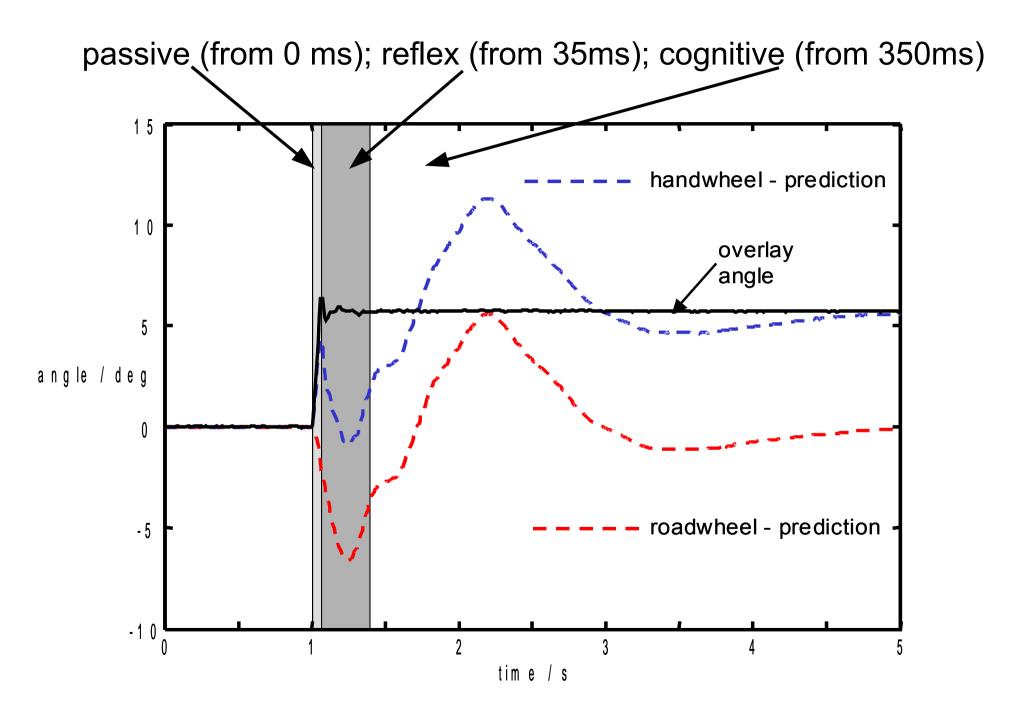


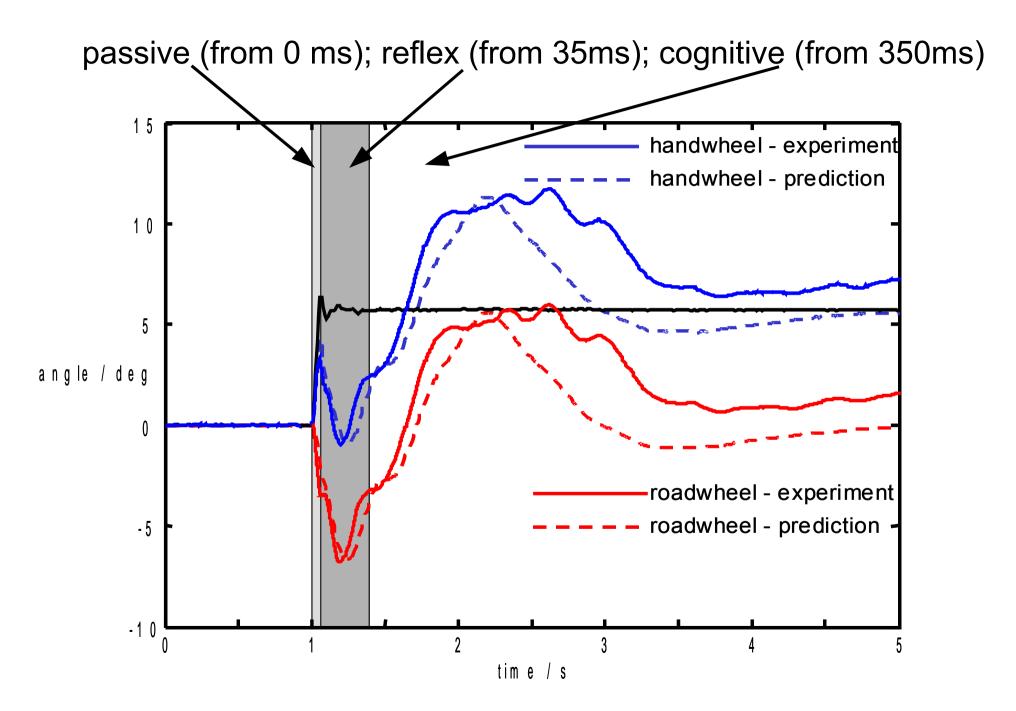






state feedback





## Conclusions

- Aim is to shift engineering activity from prototype phase to design phase.
- Physiologically-based muscle model has been linearised.
- Neuromuscular properties have been identified experimentally.
- Driver-vehicle model with NMS predicts major features of measured response.
- Work is ongoing to measure driver properties and develop the driver model.

See www.vehicledynamics.org for further information.