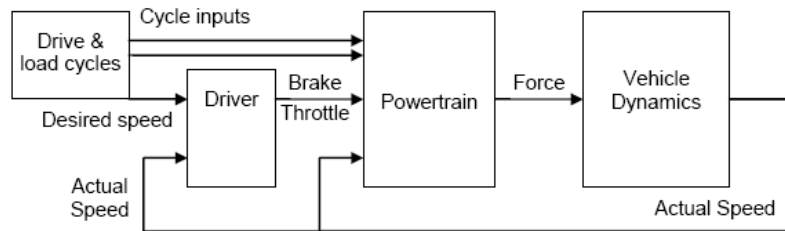
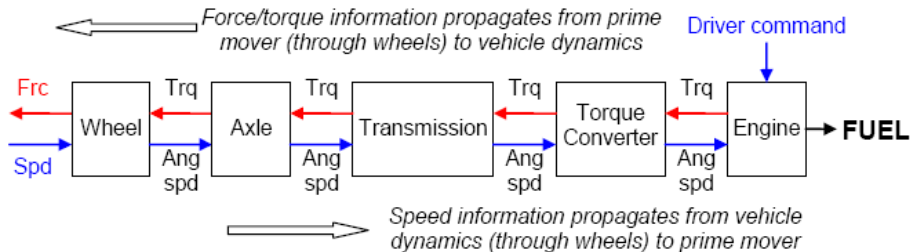


Block Diagram of Powertrain Forward-Looking Model

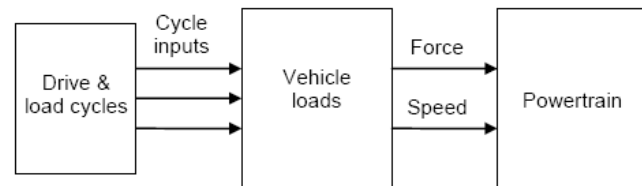


(a) Vehicle level

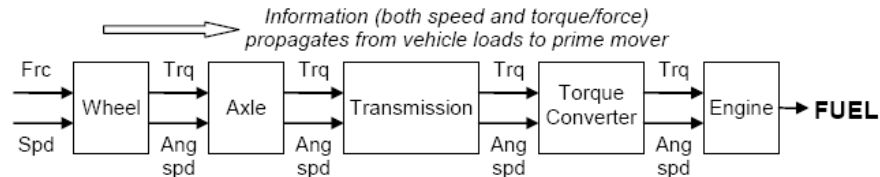


(b) Powertrain level

Block Diagram of Powertrain Backward-Looking Model



(a) Vehicle level



(b) Powertrain level