

Simulink Hybrid Engine

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Simulink model for engine In the series - parallel hybrid vehicle, the powertrain comprises the internal combustion engine as the primary power source and two electric machines.

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The hybrid vehicle model utilizes the Honda IMA (Integrated Motor Assist) architecture, where the electric motor acts as a supplement to the engine torque. The motor unit also acts as a generator during regenerative braking to recover the otherwise lost kinetic energy.

Modeling and Simulation of A Hybrid Electric Vehicle Using ...

Hybrid vehicles, MATLAB/SIMULINK, modelling, simulation, PSD ... The internal combustion engine and electric motor hybrid and fuel cell hybrid vehicles are thought as influential candidates for ...

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