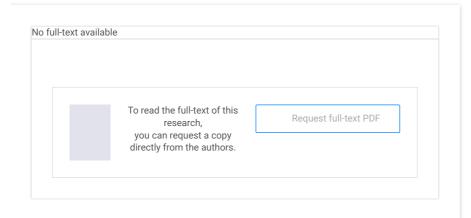


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parameters to determine the vehicle speed for

various driving conditions for batteries as well as ultra capacitor respectively. Electrochemical capacitors sometimes referred, as ultra capacitor has been included in the simulation to level the discharge rate of batteries in electric vehicles and thereby increase the systems run time. Simulation results would specify the performance of the fuzzy controller for various membership Junctions specified for the speed control of the vehicle.

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