

Modelling and Simulation of Hybrid Electric Vehicle

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Abstract: Owing to the concerns about the environmental and energy issues, many research studies have been carried out to enhance the performance of the internal combustion engine vehicles (ICEVs) and launch new-generation vehicles [1]. HEVs (Hybrid Electric Vehicles) is a viable option for improved fuel economy and reduced emissions. HEV architecture are dependent on how much braking energy is regenerated, and how well the regenerated energy is utilized. In this project, we show how model based design can be applied in the development of hybrid electric vehicle system.

Keywords: Hybrid Electric Vehicles

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