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Review Paper on Smart Regenerative Braking in E-Vehicle using Microcontroller

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Abstract: *This paper presents a discussion regarding regenerative braking of vehicles. The paper is created with a purpose to tell in an exceedingly taciturn method the essence of regenerative braking and totally different strategies, used to accumulate recuperated energy. Vehicles are a broad however terribly exciting and quickly spreading topic regarding the subsequent wants and factors: to lower emissions within the surroundings, to use inexperienced energy sources, redoubled energy demand and consumption etc. Regenerative braking may be a method of speed of an electrical vehicle (plug-in or hybrid) by changing energy to electrical via generator operation of its motor. Regenerative braking will improve energy usage potency and may prolong the driving distance of vehicles. an ingenious sensible regenerative braking system (SRBS) is given during this paper.*

Keywords: Arduino, Regenerative Braking, Electric Vehicle

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