

研究室名

加藤彰研究室 学会発表

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学会名	2021-2022 JSAE Kanto International Conference of Automotive Technology for Young Engineers
演題名	Study of Fuel Efficiency Improvement Method for Small Passenger Vehicle Using Traffic Flow Simulation, Second Report : Hybrid Electric Vehicle
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内容	CO2 and exhaust emissions regulations are becoming stricter year by year. Regarding fuel efficiency, we automobile users are also highly interested in terms of fuel cost. Since it takes a lot of time and man-hours to measure fuel consumption on an actual road, it is important to construct a simulation to improve fuel efficiency on an actual road, that is, to reduce CO2 emissions. The purpose of this research is to present a method for improving fuel efficiency of small passenger hybrid electric vehicle by combining the HEV model constructed with MATLAB and a traffic flow simulation.
関連画像	