

Automotive Engineering

Energy Efficiency

Area:	Influence of electrical steering systems on fuel consumption of motor vehicles
Person in charge:	Benjamin Hesse
Duration:	2008 – 2011

It is to be investigated, how much influence the lateral dynamics of a vehicle has with respect to fuel and energy consumption. From the investigation, test cycles are to be developed that allow the estimation of the consumption, as a function of the lateral dynamics and the electrical power system. This ensures the interconnection of various systems in a vehicle in such a way that reduces the consumption.

