

UNSPRUNG MASS  
AND NEW TECHNOLOGICAL CONCEPTS  
OF DIRECT DRIVES

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**ABSTRACT** *The impact of unsprung weight on the safety and equipment's handling in the vehicle is discussed in the article. It is presented the state of advanced works and the degree of control modules implementation intended for basic electric vehicle drivetrains.*

**Keywords:** *electric vehicle, control module, unsprung mass, electrical power, simulation, direct drive*