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**RESEARCH OF CHANGE OF ACCELERATION ELEMENTS OF A
RUNNING SYSTEM OF VEHICLES**

To determine the change of longitudinal, lateral and vertical accelerations of the elements of the running system of traction vehicles, arising during their movement, developed by the control signal vehicle's electrical system, which allows to monitor the current value of the acceleration. Application of the control-signal-system will allow to explore the processes of change of acceleration spring and unsprung masses of traction vehicles, with the purpose of definition of dynamic loads acting on the elements of the running systems.

Keywords: *towing vehicle, the chassis system, control and alarm system, vertical acceleration.*