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DYNAMIC STUDY OF VEHICLES INVOLVED IN ROAD ACCIDENTS

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Abstract

The paper presents the reconstruction of a real road accident, which occurred during the exploitation of the vehicles. There are stabilized the principal specific parameters of the dynamics of the vehicle involved in road accidents. For this purpose, for the reconstruction of road accidents, is used the specialized PC-Crash software. Paper highlights the way of study for avoidance of road accidents, using functions of PC-Crash software. Also, the paper illustrates the way of solving the reconstruction of the road accidents in case of uncertainties of different nature, in this case uncertainties about the running path and the reaction time of the driver.

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