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EFFECT ON THE RELATIVE MOVEMENT OF CARGO ON VEHICLE STABILITY ¹⁸

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Abstract: The article is a review and provides an overview of the factors influencing the dynamics of the relative movement of the load in the car body. The information written in it will serve as a basis for conducting research related to the dynamics of the relative movement of the load. The purpose of such studies is stated, namely to reduce the number of road accidents that occur due to loss of vehicle stability. Basic concepts related to relative motion and its dynamics in the context of Newton's second law are clarified. The factors that influence the dynamics of relative motion, and hence the stability of a vehicle, are summarized, on the basis of which research on this topic can be planned and conducted. The methods for securing loads according to European practices are indicated in general terms.

Keywords: loads, vehicle stability, dynamics of relative motion, factors, load reinforcement

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