SLADĚNÍ BRZDNÉHO ÚČINKU JÍZDNÍ SOUPRAVY

BRAKING ANALYSIS OF TRUCK AND TRAILER IN VARIOUS DRIVING MODES

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Recenzováno

ABSTRACT:

Alignment of braking performance of truck trailer is an important parameter that affects its braking stability. This shows particular in critical situations or during braking on a surface with reduced adhesion. Alignment of braking performance can be automatic, which is one of quality of electronic brake systems. Further on, can be forcible, which is being executed during service a diagnostic work.

This contribution is focused on analysis alignment of braking performance. Describing technical conditions, internal and external factors which affect it. Due to magnitude of this problems, is in this article evaluated the optimization of braking affects truck trailers in the start-up phase. The analysis of the process – start-up braking effect has justification from the reason, that has primary influence on the stability truck trailer during braking and this can be the cause of collision situations or also traffic accidents.

The parameter of alignment of braking performance has a primary influence on the braking stability of the truck trailers, which significantly affects road safety and is also important for the economy of the truck trailers.