

# POSSIBILITIES THE ROLLING REDUCTION BY REFERENCING DIRECTION WITH SUSPENSION CORRELATION

THIERHEIMER, W. W.; TANE, N.; THIERHEIMER, D. C. & ARDELEANU, D.

**Abstract:** *In this paper, the important error induced by wheel suspending mechanism from rolling movement is reduced by means of solution proposed. This particular case we considered the elements that have big influence in dynamic behavior of the automotive, such as: steering geometry, the particular aspects regarding constructive solution. The problem of kinematical, dynamical and mathematical models is considered to characterize the dynamical behaviour of vehicles on curvilinear movement. The theoretical and experimental data comparison confirms with good accuracy the hypothesis made on the study of vehicle's stabilization system.*

**Key words:** *maniability, control, suspension, kinematics*



**Authors' data:** Assoc.Prof. Dr.-Eng.MSc. **Thierheimer**, W[alter] W[ilhelm]; Prof.Dr.-Eng. **Tane**, N[icolae]; Drd.-Eng. MSc. **Thierheimer**, D[iana] C[amelia]; Assist.Prof. Dr.-Eng. **Ardeleanu**, D[ragos], Transilvania University of Brasov, Plotehnicii str., nr. 3, ap. 6, 500019, Brasov, RO, thierheimer@unitbv.ro, nictan54r@unitbv.ro, boldor@vega.unitbv.ro, ardeleanu\_d@unitbv.ro

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