

DESCRIBING OF THE ROAD INTERACTION WITH A PNEUMATIC TYRE BY USING TYRE BRUSH MODEL

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Abstract

The pneumatic tyre interaction with the road surface is described by using Tyre brush model. The main model possibilities and advantages are defined in the paper. With the help of adapted PC software are received results showing the forces and the tread elements deformation of a car wheel.

Keywords

Pneumatic tyre, slip, tyre brush model