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# Dependencies of rolling resistance of pneumatic tyres

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*The paper focuses on analyzing the conventional dependencies of the vertical deformation of pneumatic tyres according to a vertical load and air pressure. It specifies their advantages and disadvantages. Some ways of improving accuracy of the dependencies are offered.*

**Keywords:** *vehicle, road surface, elastic wheeled propulsion, pneumatic tyre, vertical deformation, vertical load, pressure of air, the resistance to rolling.*

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