

## THE MODEL FOR INVESTIGATION OF THE VERTICAL TRACTOR CAB VIBRATIONS

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### Abstract

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**Linear mechanical-mathematical model for vertical vibrations determination of a tractor with suspended cabin that rotates round a transverse horizontal axle is proposed. By the model we can investigate the dynamic parameters and suspension’s linear sizes influences over the driver’s vibration loading in case of road disturbances.**

### Keywords

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**wheeled tractor, cab suspension, dynamic model**