

# **Substantiation of Distribution Parameters of Soil Stiffening under the Influence of Wheeled Running Gears**

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**Key words and phrases:** flexible grouser; stiffening distribution; soil cone; span angle; pressure angle on soil.

**Abstract:** The paper presents the research materials for identification of character of deformation distribution in the soil under the influence of push force in the wheel running gears elements.

The description of experimental unit and the research techniques is given. The optimal cone parameters of soil pressure on soil and minimum values of pressure angles are produced.