## March 1, 2021

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Bendable surfaces without visible deformations of their shape

It is proven that the bending of sliding of a cylindrical and conical surface is a trivial one only for cylinders and cones of rotation otherwise it is a real non-trivial bending although the shape of surface remains visibly unchangeable as a set of points in  $\mathbb{R}^3$ .

## SCIENTIFIC SEMINAR "DIFFERENTIAL GEOMETRY AND APPLICATIONS"

headed by Academician of RAS Anatoly T. Fomenko

The seminar takes place online in ZOOM on Mondays from 4:45 p.m. to 6:20 p.m. (Moscow time) The zoom-ref is provided only to registered persons To be registered, ask any participant of our seminar to endorse you Announcements of previous talks can be found on the seminar website http://dfgm.math.msu.su/chairsem.php