

April 10, 2023

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*The Kantorovich problem
of optimal transportation of measures:
recent directions of research*

We shall discuss the classical Kantorovich problem of optimal transportation of measures and some contemporary investigations influenced by this problem and actively developing at the junction of nonlinear analysis, stochastic analysis, and geometry. We shall consider metrics and topologies on spaces of measures, including the Kantorovich metric and the associated Hausdorff distance on the space of sets of measures, and also some Riemannian manifolds of measures.

**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)**

**To get the zoom-ref, or to apply for your talk on the seminar, please, write to
the seminar secretary Alexey A. Tuzhilin tuz@mech.math.msu.su**

**Announcements of previous talks can be found on the seminar website
<http://dfgm.math.msu.su/chairsem.php>**