

December 5, 2022

Eugene O. Stepanov

*Problems and methods of reconstruction of hidden
geometric structure of the data from
distance matrices*

We will consider a classical problem on how to reconstruct the metric measure space from the information on distances between points from a very large subsets (covering densely the space in the limit), as well as how to reconstruct its embedding in a Euclidean or Hilbert space (this is quite natural, for instance, in the case when the space studied is a smooth Riemannian manifold).

**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>