

1145-35-362

Kamran Sadiq* (kamran.sadiq@ricam.oeaw.ac.at), Altenbergerstrasse 69, 4040 Linz, Austria.

The A -analytic approach to X -ray tomography.

In this talk I will recall Bukhgeim's approach to the tomography problem in the plane and exemplify it by the reconstruction and range characterization of the attenuated X -ray of symmetric tensors. This is joint work with Alexandru Tamasan and Otmar Scherzer. (Received September 04, 2018)