



Contribution ID: 307

Type: **Oral**

The statistical regularization of Turchin

In processing data from physical experiments, the problem of reconstructing the spectrum from the results of an action on this spectrum of an integral operator often arises. However, this problem is ill-posed according to Hadamard's definition and requires regularization. In this report we have considered the statistical regularization of Turchin, based on the Bayesian approach to the regularization strategy.

Primary author: Mr ZELENYI, Mikhail (INR RAS)

Presenter: Mr ZELENYI, Mikhail (INR RAS)

Track Classification: Mathematical Modeling and Computational Physics