

1125-35-1848

Josiah Park* (jpark685@gatech.edu), School of Mathematics, Georgia Tech, Atlanta, GA
30332. *Steklov Problems with Non-Smooth Boundary: Bounds and Asymptotics on Eigenvalues*. Preliminary report.

In this talk, bounds on the counting function for Steklov spectrum on euclidean domains with non-smooth boundary are presented. On boxes in \mathbb{R}^d , we give lower estimates on the leading terms for an expression involving the spectral counting function for eigenvalues of the Dirichlet-to-Neumann operator. (Received September 20, 2016)