

1147-35-153

Svitlana Mayboroda*, 206 Church st SE, Minneapolis, MN 55408. *Harmonic Analysis and PDEs in domains with lower dimensional boundaries.*

We will discuss the connections between analytic, geometric, and PDE properties of the domains with lower dimensional boundaries, classically forbidden in the realm of elliptic theory. The talk will contain results from joint work with Z. Dai, G. David, M. Engelstein, J. Feneuil, Z. Zhao. (Received January 04, 2019)