

1155-28-117

Ben Jaye* (bjaye@clermson.edu). *Multi-scale analysis of Jordan curves.*

In this talk we will describe how one can detect regularity in Jordan curves through analysis of associated geometric square functions. We will particularly focus on the resolution to a conjecture of L. Carleson. Joint work with Xavier Tolsa and Michele Villa (<https://arxiv.org/abs/1909.08581>). (Received January 06, 2020)