

1142-43-103

Xiumin Du, Larry Guth, Yumeng Ou, Hong Wang, Bobby Wilson* (blwilson@uw.edu)
and **Ruixiang Zhang**. *Falconer Distance Set Problem via Weighted Restriction Estimates*.

We will discuss the improvement of the results for the Falconer distance set problem in dimensions three and higher using weighted Fourier restriction estimates. (Received August 30, 2018)