

1162-32-122

Yunus Zeytuncu* (zeytuncu@umich.edu). *A Tauberian approach to an analog of Weyl's Law for the Kohn Laplacian.*

In this talk, we look at the eigenvalue counting function for the Kohn Laplacian on spheres \mathbb{S}^{2n-1} . We compute the leading coefficient in the asymptotic expansion of the counting function by a Tauberian argument. This statement (partially) generalizes a result by Stanton and Tartakoff, where they obtained an analog of Weyl's Law for eigenvalues of the Kohn Laplacian acting on $(0, q)$ -forms ($q \geq 1$) on hypersurfaces in \mathbb{C}^n . (Received August 28, 2020)