

VIRTUAL EAST-WEST SCV SEMINAR

January 19, 2021

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SPECTRUM OF THE KOHN LAPLACIAN ON CR MANIFOLDS

In this talk, we look at the spectrum of the Kohn Laplacian on spheres \mathbb{S}^{2n-1} and on quotients of the spheres. We relate spectral calculations to the geometry of the manifolds. We compute the leading coefficient in the asymptotic expansion of the counting function on quotients of the spheres by a Tauberian argument and relate it to the volume of the manifolds.
