

1139-35-272

**Katharine Ott\*** (kott@bates.edu) and **R Brown**. *Estimates for Brascamp-Lieb forms in weighted  $L^p$  spaces.*

We discuss a family of Brascamp-Lieb forms in  $L^p$ -spaces with power weights. One such form arises in the  $\bar{\partial}$  approach to the scattering theory for the Davey-Stewartson II equation. (Received February 13, 2018)