R M Brown, C W Lee and K A Ott* (kott@bates.edu). Estimates for Brascamp-Lieb forms in $L^p$-spaces with power weights.

We establish a set of necessary conditions and a set of sufficient conditions for boundedness of a family of Brascamp-Lieb forms in Lorentz spaces and $L^p$-spaces with power weights. (Received August 24, 2018)