

Friday, May 3rd, 17:00-18:00

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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. The conditions are close to optimal. This is joint work with Carl Lee and Katharine Ott.