



Alexander KOLDOBSKY

(koldobsk@math.missouri.edu), Mathematics Department, 202 Mathematical Sciences Building, University of Missouri, Columbia, MO 65211, USA *Intersection bodies and L_p -spaces.*

ABSTRACT. We extend the concept of embedding of normed spaces in L_p to negative values of p and show several applications to convex geometry, including characterizations of intersection bodies and results of Busemann-Petty type.