

FOURIER TRANSFORM AND L_p -MIXED CENTROID BODIES

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Abstract. In this paper we introduce the concept of L_p -mixed centroid body of a convex body and consider a Busemann-Petty type problem whether $\Gamma_{-p,i}K \subseteq \Gamma_{-p,i}L$ implies $W_i(K) \leq W_i(L)$.

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