

REMARKS ON WEIGHTED ORLICZ SPACES ON LOCALLY COMPACT GROUPS

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Abstract. In this paper, we give some equivalent condition for a weighted Orlicz space $L_w^\Phi(G)$ on a locally compact group G to be a convolution Banach algebra, and by Jensen's inequality we study a hereditary property for weighted Orlicz algebras on quotient spaces. In addition, we characterize compact convolution operators from $L_w^\Phi(G)$ into $L_w^\Phi(G)$.

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