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On the injectivity of some group modules

ABSTRACT. Some spaces of multipliers of the Fourier algebra of a locally compact group are shown to be duals of projective modules or injective if and only if the group is compact or amenable, respectively. The notions are as in H.G. DALES and M.E. POLYAKOV, Homological properties of modules over group algebras, Proc. LMS 89 (2004).