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Title: Dual multiplier Banach algebras and Connes-amenability

Author(s): Bahman Hayati and Massoud Amini

Following M. Daws, we consider a Banach algebra B for which the multiplier algebra $M(B)$ is a dual Banach algebra in the sense of V. Runde, and show that under certain continuity condition, B is amenable if and only if $M(B)$ is Connes-amenable. As a result, we conclude that for a discrete amenable group G , the Fourier–Stieltjes algebra $B(G)$ is Connes-amenable if and only if G is abelian by finite.

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Address:

Bahman Hayati
Department of Mathematics
Malayer University
Malayer
Iran

Address:

Massoud Amini
Department of Mathematics
Tarbiat Modares University
Tehran 14115-134
Iran
and
School of Mathematics
Institute for Research
in Fundamental Sciences (IPM)
Tehran 19395-5746
Iran