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Estimate of the L^p-Fourier Transform Norm on Strong *-Regular Exponential Solvable Lie Groups

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摘要

关键词   Exponential Lie group   Plancherel measure   unitary representation   coadjoint orbit L^p-Fourier transform

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Abstract We study the L^{p}-Fourier transform for a special class of exponential Lie groups, the strong $\ast$-regular exponential Lie groups. Moreover, we provide an estimate of its norm using the orbit method.

Key words   Exponential Lie group   Plancherel measure   unitary representation   coadjoint orbit L^p-Fourier transform

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