

WEYL TRANSFORM ON SOME NONUNIMODULAR GROUPS

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Abstract:

For $p > 2$, B. Simon studied the unboundedness of the Weyl transform for symbol belonging to $L^p(\mathbb{R}^n \times \mathbb{R}^n)$. In this talk, we study the analog of unboundedness of the Weyl transform on some nonunimodular groups, namely, the affine group, similitude group, and affine Poincaré group.