

Review of: "Representations of Lie Groupoids on Bundles"

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In this paper, the author dealt with representations of Lie groupoids on bundles. The examples provided in the article are easy to understand and diverse. Nevertheless, the bibliography is weak. In particular, some (new) results and applications on function spaces and wavelets, reported below, should be cited among the references.

1/ "The boundedness of h -admissible Fourier integral operators on Bessel potential spaces". Turkish Journal of Mathematics 43 (5), 2125-2141, 2019.

2/ " H^s -Boundedness of a class of Fourier Integral Operators". Mathematica Slovaca 71 (4), 889-902, 2021.

3/ "The boundedness of a class of semiclassical Fourier integral operators on Sobolev space H^s ". Matematychni Studii 56 (1), 61-66, 2021.

4/ "The Hilbert-Schmidt property for semiclassical Fourier integral operators with operator symbol". Asian-European Journal of Mathematics 16 (10), 2023.

5/ " L^2 -Hilbert-Schmidtness of Fourier Integral Operators with Weighted Symbols". Memoirs on Differential Equations and Mathematical Physics 88, 1-11, 2023.