

Seminar 2018

Math

A note on maximal estimates of generalized Schrödinger equation

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Abstract: We consider the problem of pointwise convergence of generalized Schrödinger equation. Recently, Du and Zhang proved optimal estimates of pointwise convergence on Schrödinger equation in higher dimensions. We generalize it to a nondegenerate phase function and it also gives a maximal estimate for fractional Schrödinger equation. This is a joint work with Herim Ko.



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