

Strichartz estimates and sub-Riemannian geometry: an introduction

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- (1) 1 Dispersion for Shroedinger. Grushin space, Heisenberg group.
No dispersion.
- (2) 2 Euclidean Fourier restriction. Relation with Strichartz estimates
- (3) 3 Kilrillov theory for Nilpotent groups.
- (4) 4 Fourier transform and applications to Carnot groups.