

THE DISPERSION PHENOMENON FOR THE METAPLECTIC REPRESENTATION

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1 Abstract e references

Weak-type estimates for the metaplectic representation had interested unitary topological maps on non-compact Lie groups studying dispersive partial differential equations to model dispersion phenomena in Time-Frequency Analysis. Matrix coefficients of the oscillatory representations decay at infinity when modulation spaces are endowed with weighted Haar measures. Some applications in Life Sciences are presenting.