

Reflections on waves and waves reflections

mardi 10 juillet 2018 09:00 (1 heure)

We will review recent results on the propagation of waves on domains, with emphasis on two extreme cases: the exterior or the interior of a strictly convex domain. Understanding the wave localization, its amplitude and how it decays is fundamental for several (unrelated) problems and we will describe an interesting interplay between geometrical aspects and degenerate oscillatory integrals that model waves

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