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Resonant uniqueness of radial semiclassical Schrodinger operators

Kiril Datchev, Hamid Hezari

(Submitted on 5 Jul 2011)

We prove that radial, monotonic, superexponentially decaying potentials in R^n, n greater than or equal to 1 odd, are determined by the resonances of the associated semiclassical Schrodinger operator among all superexponentially decaying potentials in R^n.

Submission history

From: Kiril Datchev [view email]

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