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Mathematics > Spectral Theory

Absolutely continuous spectrum of a one-paramentric family of Schrödinger operators

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(Submitted on 9 Jun 2011 (v1), last revised 19 Oct 2012 (this version, v6))

We consider a family of operators \$-\Delta+ t V\$ with a slowly decaying and oscillating potential \$V\$. We prove that the absolutely continuous spectrum of this operator is essentially supported by \$[0,\infty)\$ for almost every \$t\$.

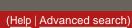
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