
RICHARD FROESE, University of British Columbia

Resonances lost and found

We compute the large L asymptotics of the resonances for one dimensional Schrödinger operators $H_L = V_1(x) + \mu(L)V_2(x-L)$, where V_1 and V_2 are compactly supported and $\mu(L) \sim e^{-cL}$ for $c \geq 0$. These are compared to the Schrödinger dynamics of H_L . This is joint work with Ira Herbst.