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Asymptotic Formulas for the Resonance Eigenvalues of the Schrödinger Operator

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Abstract: In this paper, we consider the Schrödinger operators defined by the differential expression $Lu= - \Delta u + q(x)u$ in d-dimensional paralellepiped F, with the Dirichlet and the Neumann boundary conditions, where q(x) is a real valued function of $L_2(F)$. We obtain the asymptotic formulas for the resonance eigenvalues of these operators

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