1041-35-178 **Michael Goldberg*** (mikeg@math.jhu.edu), Department of Mathematics, Johns Hopkins University, 3400 N. Charles St., Baltimore, MD 21218. *A Dispersive Bound for Three-Dimensional Schrödinger Operators with Threshold Eigenvalues.*

We prove a dispersive estimate for the evolution of Schrödinger operators $H = -\Delta + V(x)$ in $\mathbb{R}^3$. The potential is allowed to take complex values, so that $H$ need not be self-adjoint. It is assumed that $H$ has no resonances within the interval $[0, \infty)$, however eigenvalues at zero are permitted so long as all solutions of $H^k\Psi = 0$ decay rapidly enough to be integrable. (Received August 11, 2008)