

PROPAGATION OF SINGULARITIES FOR SCHRÖDINGER OPERATORS

We discuss several recent results on the characterization of the microlocal singularities of solutions to Schrödinger equations. We show that for a class of Schrödinger operators, for example Schrödinger operators on scattering manifolds with sublinear potentials, or perturbed harmonic oscillators on Euclidean space, the microlocal singularities of solutions at nontrapping points can be described in terms of classical scattering data.