

THE STRUCTURE OF THE SCATTERING AMPLITUDE FOR SCHRODINGER OPERATORS WITH A STRONG MAGNETIC FIELD

We study the microlocal structure of the semi-classical scattering amplitude for Schrodinger operators with a strong magnetic field at non-trapping energies. We prove that, up to any order, the scattering amplitude can be approximated by a semi-classical pseudodifferential-operator-valued Fourier integral operator.