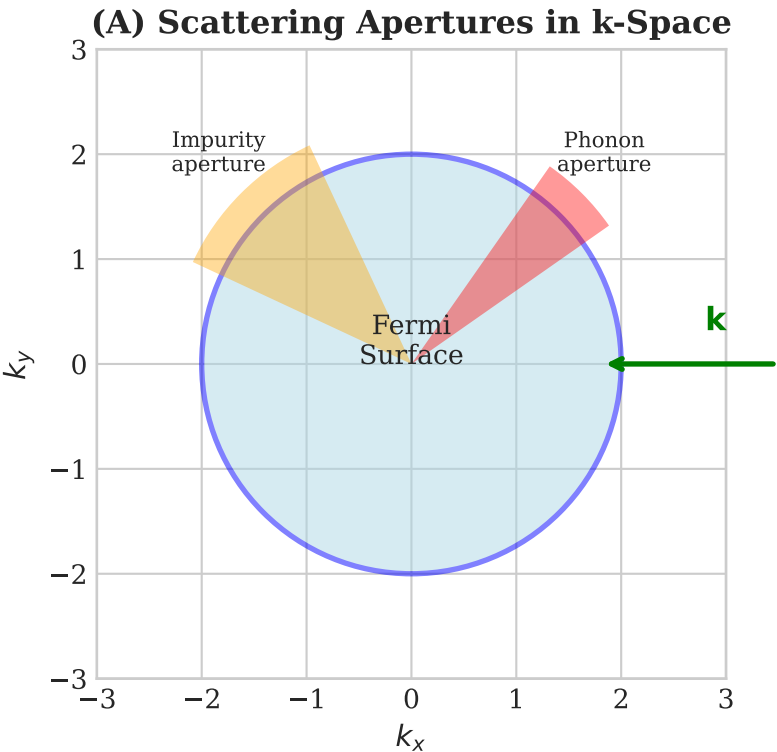
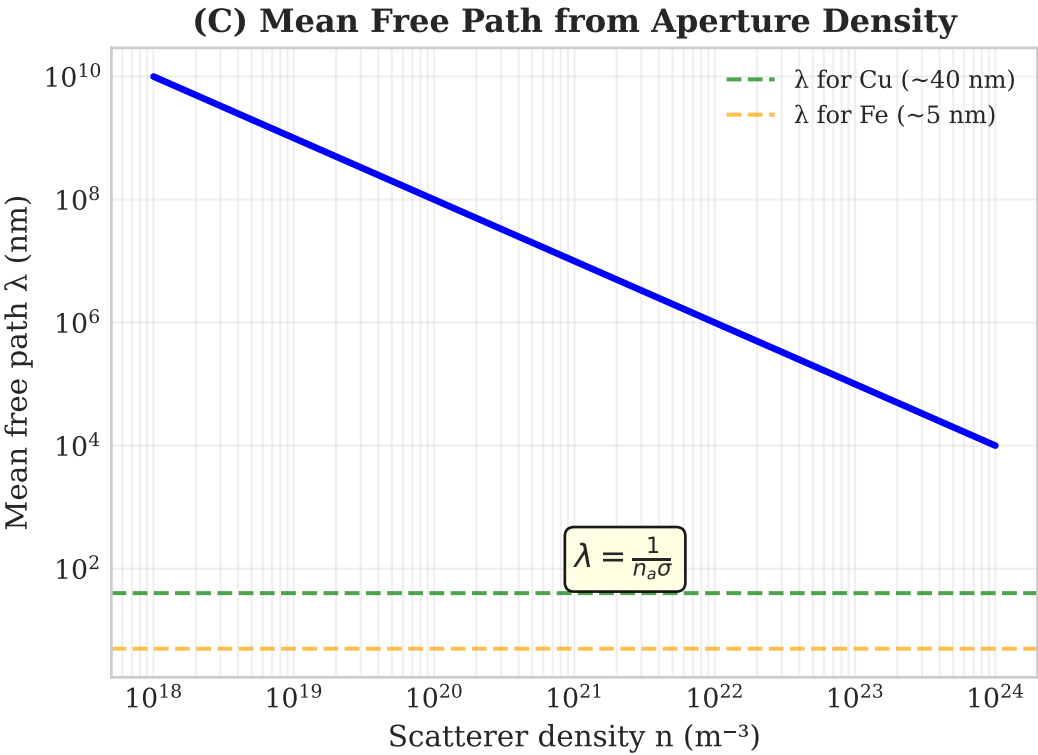


Panel C-7: Lattice Scattering as Categorical Apertures



(B) Scattering Types and Selectivities

Scattering Type	Selectivity (s)	T-Dependence	$\lambda$ (nm)
Phonon	$\sim 0.1$	$\propto T$	10-100
Impurity	$\sim 0.01$	T-independent	1-10
Electron-electron	$\sim 0.5$	$\propto T^2$	100-1000
Grain boundary	$\sim 0.001$	Weak	0.1-1
Surface	$\sim 0.1$	Complex	$\sim$ film thickness



(D) Resistance as Aperture Barrier Sum

