

Title: Dispersive estimates for Dirac operators.

Abstract: We will review recent results on dispersive decay estimates for the Dirac operators in \mathbb{R}^n with a decaying self-adjoint potential. These include L^1 to L^∞ and Strichartz estimates.

We also discuss the classification of threshold resonances and their effects on dispersive estimates

and the limiting absorption principle for Dirac operators.

The talk is based on joint works with M. Goldberg (U. Cincinnati), W. Green (Rose-Hulman), and E. Toprak (Yale).