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M Burak Erdogan* (berdogan@illinois.edu), 1409 W. Green Street (MC-382), Urbana, IL 61801. *Dispersive estimates for Schrodinger operators with obstructions at zero energy.*

We will discuss recent results (joint with W. Green, and with W. Green and M. Goldberg) on $L^1(\mathbb{R}^n) \rightarrow L^\infty(\mathbb{R}^n)$ dispersive estimates for Schrodinger operators with real and decaying potentials in the case when there are resonances and/or an eigenvalue at the zero energy. (Received January 17, 2015)