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**M. Burak Erdoğan, Michael Goldberg\*** (goldbem1@ucmail.uc.edu) and **William R. Green.** *Strichartz estimates for higher-dimensional Schrödinger operators with lower-dimensional potentials.*

We consider Schrödinger operators  $H = -\Delta + \mu$  on  $\mathbb{R}^n$ ,  $n \geq 3$ , whose potential is a compactly supported  $d$ -dimensional measure for some  $d < n$ . We verify that  $H$  is self-adjoint provided the codimension  $n - d$  is less than 2, and we show that Strichartz inequalities hold for the propagator  $e^{itH} P_{ac}(H)$  provided the codimension is less than  $1 + \frac{1}{n-1}$ .

As an example, the results hold for potentials which are the product of a surface measure and any bounded function. (Received September 01, 2019)