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**Michael Goldberg\*** ([mikeg@math.jhu.edu](mailto:mikeg@math.jhu.edu)), Department of Mathematics, Johns Hopkins University, 3400 N. Charles St., Baltimore, MD 21218. *The Schrödinger Equation with a Non-Smooth Magnetic Potential.*

We prove Strichartz estimates for the absolutely continuous evolution of a Schrödinger operator  $H = (i\nabla + A)^2 + V$  in  $\mathbf{R}^n$ ,  $n \geq 3$ . Both the magnetic and electric potentials are time-independent and have polynomial pointwise decay. The vector potential  $A(x)$  is assumed to be continuous but need not possess any Sobolev regularity. This condition improves upon previous results (requiring half a derivative) obtained in collaboration with Burak Erdogan and Wilhelm Schlag.

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