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Shitao Liu* (liu1@clemson.edu), O-228 Martin Hall, Department of Mathematical Sciences, Clemson University, Clemson, SC 29634, and **Yang Yang**. *Determine a magnetic Schrödinger operator from partial data in an infinite slab.*

We consider an inverse boundary value problem with partial data in an infinite slab for the magnetic Schrödinger operator with bounded magnetic potential and electric potential. We show that the magnetic field and the electric potential can be uniquely determined, when the Dirichlet and Neumann data are given on either different boundary hyperplanes or on the same boundary hyperplanes of the slab. (Received January 26, 2016)