## Inverse Problems with Partial Data in a Slab

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In this work we consider inverse boundary value problems in the domain of infinite slab type assuming that only partial measurements are known on the boundary hyperplanes. We prove the unique determination of the potential of the Schrödinger equation when the corresponding Dirichlet and Neumann data are given either on the different boundary hyperplanes of the slab or on the same single hyperplane. Similar results also hold for the identification of the conductivity in the electrical impedance tomography. This is a joint work with G. Uhlmann.