1057-35-461 **Katharine Ott*** (`katharine.ott@uky.edu`), 715 Patterson Office Tower, University of Kentucky, Lexington, KY 40508, and **Irina Mitrea**. *Spectral theory for the Maxwell system of equations in nonsmooth domains.*

In this talk I will discuss spectral properties of boundary integral operators which arise in the study of the Maxwell system of equations in a Lipschitz domain $\Omega \subseteq \mathbb{R}^3$. (Received January 27, 2010)