

1116-35-1762

**Peter Constantin\***, Department of Mathematics, Princeton University, Fine Hall, Washington Road, Princeton, NJ 08544, and **Mihaela Ignatova**, Department of Mathematics, Princeton University, Fine Hall, Washington Road, Princeton, NJ 08544. *Nonlocal equations, electroconvection.*

We will discuss recent results concerning nonlocal equations in bounded domains, with application to electroconvection. (Received September 21, 2015)