$\blacksquare \ \mathbf{Gerard} \ \mathbf{Misiołek} \ \ \mathbf{Gerard} \ \mathbf{Misiołek} \ \ \mathbf{Gerard} \ \mathbf{Misiołek} \ \ \mathbf{University} \ \ \mathbf{of} \ \mathbf{Notre} \ \mathbf{Dame}, \ \mathbf{USA} \ , \ \mathbf{email:} \ \ \mathbf{gmisiole@nd.edu}, \\$

Examples of ill-posedness for the Euler and the quasi-geostrophic equations

Abstract

I will describe local ill-posedness of solutions of the 2D quasi-geostrophic and the 3D Euler equations in the Besov and the logarithmic Lipschitz spaces.