

1107-35-247

Alexey Cheskidov and **Karen Zaya*** (kzaya2@uic.edu). *Lower Bounds for Sobolev Norms of Potential Blow Up Solutions to the Three-dimensional Navier-Stokes Equations*. Preliminary report.

We improve previous known lower bounds for Sobolev norms of potential blow up solutions to the three-dimensional Navier-Stokes equations. (Received January 16, 2015)