

1033-35-77

**Alexey Cheskidov\*** ([acheskid@math.uchicago.edu](mailto:acheskid@math.uchicago.edu)), Department of Mathematics, University of Chicago, 5734 S. University Avenue, Chicago, IL 60637, and **Roman Shvydkoy**, IL. *On the regularity of weak solutions of the 3D Navier-Stokes equations in  $B_{\infty,\infty}^{-1}$ .*

We will discuss new regularity criteria for weak solutions of the 3D Navier-Stokes equations in the largest critical space. (Received September 03, 2007)