

1159-35-62

Zachary Bradshaw* (zb002@uark.edu), **I. Kukavica** and **T.-P. Tsai**. *The Navier-Stokes equations in weighted spaces.*

We discuss recent results on global existence of solutions to the Navier-Stokes equations in weighted spaces which allow local L^2 norms to grow at spatial infinity. Similar results in this direction were developed independently by Fernandez-Dalgo and Lemarie-Rieusset as well as the speaker, Kukavica and Tsai. (Received July 28, 2020)