Jáuber Cavalcante de Oliveira

EXISTENCE OF STRONG SOLUTIONS TO THE NAVIER-STOKES EQUATIONS WITH NONLINEAR DISSIPATION

Abstract

In this talk, we will make an overview of the results in the literature concerning the existence of strong global solutions to the Navier-Stokes equations under the effect of a nonlinear dissipation. In particular, a recent result of Y. Kim and K. Li (EJDE, 2017) concerning the existence of strong periodic solutions will be presented in detail.

Florianópolis. March 15th, 2018.   14:00 - 15:00

Room 202 - Maths Department

Check out our website: `http://mtm.ufsc.br/~bortolan/seminario/index1.html`