

KELVIN-VOIGT FLUIDS: AN L^p -APPROACH ON BOUNDED DOMAINS

PEDRO DAMÁZIO

Universidade Federal do Paraná

Resumo

In this talk, we are going to present some new results concerning existence and uniqueness of L^p -weak and L^p -strong solutions of such problem in bounded domains of $\mathbb{R}^n$, for $n = 2, 3, \dots$. This is a joint work with Ana L. Silvestre (IST-Lisboa) and Patricia A. Manholi (UTFPR).