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Kelvin-Voigt fluids: an L^p -approach on bounded domains

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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 $n = 2, 3, \cdots$ This is a joint work with Ana L. Silvestre (IST-Lisboa) and Patricia A. Manholi (UTFPR).