Time decay for non-Newtonian-micropolar fluids

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Abstract

In this contribution, we analyze the long-time behavior of the weak solutions for a model of micropolar fluids of non-Newtonian type in $\mathbb{R}^2$. Time decay estimates are deduced, and the differences with the linear part of the model are studied.

Keywords: Time decay, micropolar fluids, non-newtonian fluids.

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