
Time decay for solutions to the Stokes equations with drift

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Résumé

I will consider the long time behavior to the Cauchy problem for solutions to a Stokes system with drift u . This drift will be supposed to be a divergence free smooth vector valued function satisfying a scale invariant condition. Our main result is concerned with the algebraic decay of the L^p , $1 \leq p \leq \infty$ norms of the solutions.

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