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Unique continuation property for solutions of Stokes' equations. (Prolongement unique des solutions de l'équation de Stokes.) (French) [Zbl 0849.35098](#)

Commun. Partial Differ. Equations 21, No. 3-4, 573-596 (1996).

Summary: We prove a unique continuation property for solutions of Stokes equations with a non regular potential. For this, we state a Carleman's inequality which concerns the Laplace operator.

MSC:

[35Q30](#) Navier-Stokes equations

[35B60](#) Continuation and prolongation of solutions to PDEs

[76D07](#) Stokes and related (Oseen, etc.) flows

[35R05](#) PDEs with low regular coefficients and/or low regular data

Cited in **2** Reviews
Cited in **54** Documents

Keywords:

[unique continuation property](#); [Stokes equations](#); [Carleman's inequality](#)

Full Text: [DOI](#)

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