

Fluid Flows & Floating Bodies

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Abstract

We investigate, according to Bemelmans, Galdi and Kyed [1], a problem with a floating body that is partially submerged in a container filled with a Navier-Stokes liquid.

Keywords:

Free Boundary Problem, Navier-Stokes Equations, Poiseuille Flow

References

- [1] Josef Bemelmans; Giovanni P. Galdi; Mads Kyed:
Fluid Flows Around Floating Bodies, I: The Hydrostatic Case.
JMFM 14 (2012), pp. 751-770