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99f:76044   76D07 (65N99 76M25)

Poullikkas, Andreas; **Karageorghis, Andreas** (CY-CYP-MS);
Georgiou, Georgios (CY-CYP-MS); **Ascough, John** (4-LBRO-ME)
The method of fundamental solutions for Stokes flows with a free surface. (English summary)
Numer. Methods Partial Differential Equations **14** (1998), *no. 5,* 667–678.

Journal

References: 0   **Reference Citations: 0**   **Review Citations: 0**

Summary: "We investigate the use of the method of fundamental solutions for solving Stokes flow problems with a free surface. We apply the method to the creeping planar Newtonian extrudate-swell problem and study the effect of the surface tension on the free surface. The results are in good agreement with existing finite element and boundary element solutions."

Doc. Deliv.