

Abstract Submitted
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Viscoelastic Stokes Flow¹ M. GREGORY FOREST, University of North Carolina at Chapel Hill, KE XU, University of North Carolina at Chapel Hill, ISAAC KLAPPER, Montana State University — We extend the formalism of Stokes flow from viscous to viscoelastic fluids, and then illustrate this correspondence with a variety of applications, including flow past a moving point source and flow around a driven oscillating sphere.

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