

Microrheology “summer reading list”

VOLUME 74, NUMBER 7

PHYSICAL REVIEW LETTERS

13 FEBRUARY 1995

Optical Measurements of Frequency-Dependent Linear Viscoelastic Moduli of Complex Fluids

T. G. Mason^{1,2} and D. A. Weitz¹

¹*Exxon Research and Engineering Company, Route 22E, Annandale, New Jersey 08801*

²*Department of Physics, Princeton University, Princeton, New Jersey 08544*

(Received 17 August 1994)

Diffusing-wave-spectroscopy measurements of viscoelasticity of complex fluids

T. G. Mason

Department of Chemical Engineering, Johns Hopkins University, Baltimore, Maryland 21218

Hu Gang

Exxon Research and Engineering Company, Route 22E, Annandale, New Jersey 08801

D. A. Weitz

Department of Physics and Astronomy, University of Pennsylvania, Philadelphia, Pennsylvania 19104

Vol. 14, No. 1/January 1997/J. Opt. Soc. Am. A 139

Annu. Rev. Fluid Mech. 2010. 42:413–38

The *Annual Review of Fluid Mechanics* is online at fluid.annualreviews.org

This article's doi:
10.1146/annurev-fluid-121108-145608

Copyright © 2010 by Annual Reviews.
All rights reserved

0066-4189/10/0115-0413\$20.00

Fluid Mechanics of Microrheology

Todd M. Squires¹ and Thomas G. Mason²

¹Department of Chemical Engineering, University of California, Santa Barbara, California 93106-5080; email: squires@engineering.ucsb.edu

²Department of Chemistry and Biochemistry, Department of Physics and Astronomy, University of California, Los Angeles, California 90095-1569

