

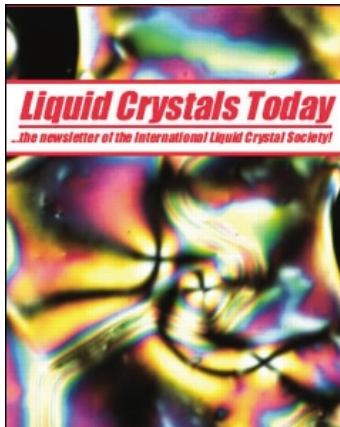
This article was downloaded by:

On: 16 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Liquid Crystals Today

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713681230>

Research Awards Glenn H. Brown Prizes

To cite this Article (1997) 'Research Awards Glenn H. Brown Prizes', *Liquid Crystals Today*, 7: 2, 9

To link to this Article: DOI: 10.1080/13583149708047667

URL: <http://dx.doi.org/10.1080/13583149708047667>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

Figure 8. Shape transformation of an oblate vesicle in shear flow. The arrows give the local velocity of the membrane. The stationary state is reached after 8 s.

References

1. Seifert, U., 1997, *Adv. Phys.*, **46**, 13 gives a comprehensive review.
2. Canham, P. B., 1970, *J. Theoret. Biol.*, **26**, 61; Helfrich, W., 1973, *Z. Naturforsch.*, **28c**, 693; Evans, E., 1974, *Biophys. J.*, **14**, 923.
3. Käs, J., and Sackmann, E., 1991, *Biophys. J.*, **60**, 825.
4. Döbereiner, H.-G., Evans, E., Seifert, U., and Wortis, M., 1995, *Phys. Rev. Lett.*, **75**, 3360.
5. Döbereiner, H.-G., and Seifert, U., 1996, *Europhys. Lett.*, **36**, 325.
6. Wintz, W., Döbereiner, H.-G., and Seifert, U., 1996, *Europhys. Lett.*, **33**, 403.
7. Jülicher, F., Seifert, U., and Lipowsky, R., 1993, *Phys. Rev. Lett.*, **71**, 452; Michalet, X., and Bensimon, D., 1995, *Science*, **269**, 666.
8. Gompper, G., and Kroll, D. M., 1994, *Phys. Rev. Lett.*, **73**, 2139.
9. Bar-Ziv, R., and Moses, E., 1994, *Phys. Rev. Lett.*, **73**, 1392.
10. Goldstein, R. E., Nelson, P., Powers, T., and Seifert, U., 1996, *J. Phys. II France*, **6**, 767.
11. Cladis, P. E., and van Saarloos, W., 1992, *Solitons in Liquid Crystals*, edited by L. Lam and J. Prost (Springer-Verlag, Heidelberg, Berlin).
12. Bar-Ziv, R., Frisch, T., and Moses, E., 1995, *Phys. Rev. Lett.*, **75**, 3481; Moroz, J. D., Nelson, P., Bar-Ziv, R., and Moses, E., 1997, *Phys. Rev. Lett.*, **78**, 386.
13. Kraus, M., Wintz, W., Seifert, U., and Lipowsky, R., 1996, *Phys. Rev. Lett.*, **77**, 3685.
14. Rädler, J.O., Feder, T.J., Strey, H.H., and Sackmann, E., 1995, *Phys. Rev. E*, **51**, 4526.
15. Helfrich, W., 1978, *Z. Naturforsch.*, **33a**, 305.
16. Lipowsky, R., 1995, *Structure and Dynamics of Membranes*, edited by R. Lipowsky and E. Sackmann (Elsevier, Amsterdam).
17. Hiergeist, C., and Lipowsky, R., 1996, *J. Phys. II France*, **6**, 1465.
18. See the review articles by D. D. Lasic and G. Cevc in reference 16.
19. Sackmann, E., 1996, *Science*, **271**, 43.
20. Weis, R., and Fromherz, P., 1997, *Phys. Rev. E*, **55**, 877.

Research Awards

Glenn H. Brown Prizes

Glenn H. Brown prizes were established to advance and diffuse knowledge of liquid crystal states of matter by encouraging effective written and oral presentations of doctoral research results. In 1998, two US\$1000 prizes will be awarded for outstanding theses completed after 1994 in liquid crystal research. Theoretical, experimental and/or applied work on thermotropic, polymeric and/or lyotropic liquid crystal systems will be considered.

Prize winners will deliver Glenn H. Brown lectures at the 17th International Liquid Crystal Conference in Strasbourg, France. Nominations should include a copy of the thesis (which will not be returned) and an English summary of its outstanding features.

Send by 1 February 1998 to:

Elaine Landry
ILCS Awards Administrator
Liquid Crystal Institute
Kent State University
Kent, OH 44242, USA

1998 ILCS Honours and Awards Committee

P.E. Cladis (USA), G.W. Gray (UK), E.M. Landry (USA), H.-R. Trebin (Germany), T. Uchida (Japan)