INDEX

Alfredsson, P. H. *See* Johansson & Alfredsson

Allison, H. Streaming of fluid under a near-bottom membrane, 385–392

Antar, B. N. & Fowlis, W. W. Three-dimensional baroclinic instability of a Hadley cell for small Richardson number, 423–445

Chow, R. T.-P. *See* Dussan V. & Chow

Deo, B. J. S. & Richardson, A. T. Generalized energy methods in electrohydrodynamic stability theory, 131–151

Durbin, P. A. *See* Gartshore, Durbin & Hunt

Dussan V., E. B. & Chow, R. T.-P. On the ability of drops or bubbles to stick to non-horizontal surfaces of solids, 1–29

Eckelmann, H. *See* Kastrinakis & Eckelmann

Fowlis, W. W. *See* Antar & Fowlis

Gartshore, I. S., Durbin, P. A. & Hunt, J. C. R. The production of turbulent stress in a shear flow by irrotational fluctuations, 307–329

Gottlieb, J. J. & Igra, O. Interaction of rarefaction waves with area reductions in ducts, 285–305

Hammond, P. S. Nonlinear adjustment of a thin annular film of viscous fluid surrounding a thread of another within a circular cylindrical pipe, 363–384

Hinch, E. J. *See* Hocquart & Hinch

Hocquart, R. & Hinch, E. J. The long-time tail of the angular-velocity autocorrelation function for a rigid Brownian particle of arbitrary centrally symmetric shape, 217–220

Holyer, J. Y. Double-diffusive interleaving due to horizontal gradients, 347–362

Hunt, J. C. R. *See* Gartshore, Durbin & Hunt

Igra, O. *See* Gottlieb & Igra

Jansons, K. M. Determination of the constitutive equations for a magnetic fluid, 187–216

Johansson, A. V. & Alfredsson, P. H. Effects of imperfect spatial resolution on measurements of wall-bounded turbulent shear flows, 409–421

Kastrinakis, E. G. & Eckelmann, H. Measurement of streamwise vorticity fluctuations in a turbulent channel flow, 165–186

Kiya, M. & Sasaki, K. Structure of a turbulent separation bubble, 83–113

Kobayashi, R. *See* Kohama & Kobayashi

Kohama, Y. & Kobayashi, R. Boundary-layer transition and the behaviour of spiral vortices on rotating spheres, 153–164

Longuet-Higgins, M. S. Peristaltic pumping in water waves, 393–407

Mumford, J. C. The structure of the large eddies in fully developed turbulent shear flows. Part 2. The plane wake, 447–456.

Nakamura, Y. & Ohya, Y. The effects of turbulence on the mean flow past square rods, 331–345

Narasimha, R. *See* Sreenivasan, Prabhu & Narasimha

Ohya, Y. *See* Nakamura & Ohya

Prabhu, A. *See* Sreenivasan, Prabhu & Narasimha

Ramaprian, B. R. & Tu, S. W. Fully developed periodic turbulent pipe flow. Part 2. The detailed structure of the flow, 59–81

Ramaprian, B. R. *See* Tu & Ramaprian

Richardson, A. T. *See* Deo & Richardson

Ryrie, S. C. Longshore motion due to an obliquely incident wave group, 273–284

Sasaki, K. *See* Kiya & Sasaki

Shen, C. The concentration-jump coefficient in a rarefied binary gas mixture, 221–231

Sreenivasan, K. R., Prabhu, A. & Narasimha, R. Zero-crossings in turbulent signals, 251–272

Thomas, A. S. W. The control of boundary-layer transition using a wave-superposition principle, 233–250

Tu, S. W. & Ramaprian, B. R. Fully developed periodic turbulent pipe flow. Part 1. Main experimental results and comparison with predictions, 31–58

Tu, S. W. *See* Ramaprian & Tu

Weber, J. E. Attenuated wave-induced drift in a viscous rotating ocean, 115–129