

## INDEX

- Almog, Y. & Frankel, I.** The motion of axisymmetric dipolar particles in homogeneous shear flow, 243–261
- Amiet, R. K.** Airfoil leading-edge suction and energy conservation for compressible flow, 227–242
- Bruhwiler, D. L. & Kaper, T. J.** Wavenumber transport: scattering of small-scale internal waves by large-scale wavepackets, 379–405
- Cardoso, S. S. S. & Woods, A. W.** The formation of drops through viscous instability, 351–378
- Cohen, J.** *See* Levinski & Cohen
- D'Asaro, E. A.** *See* Winters, Lombard, Riley & D'Asaro
- Darbyshire, A. G. & Mullin, T.** Transition to turbulence in constant-mass-flux pipe flow, 83–114
- Faltinsen, O. M., Newman, J. N. & Vinje, T.** Nonlinear wave loads on a slender vertical cylinder, 179–198
- Farrow, D. E.** An asymptotic model for the hydrodynamics of the thermal bar, 129–140
- Frankel, I.** *See* Almog & Frankel
- Fyrrillas, M. M. & Szeri, A. J.** Dissolution or growth of soluble spherical oscillating bubbles: the effect of surfactants, 295–314
- Hallworth, M. A.** *See* Huppert, Turner & Hallworth
- Hertzberg, J. R. & Ho, C. M.** Three-dimensional vortex dynamics in a rectangular sudden expansion, 1–27
- Ho, C. M.** *See* Hertzberg & Ho
- Huppert, H. E., Turner, J. S. & Hallworth, M. A.** Sedimentation and entrainment in dense layers of suspended particles stirred by an oscillating grid, 263–293
- Kaper, T. J.** *See* Bruhwiler & Kaper
- Levinski, V. & Cohen, J.** The evolution of a localized vortex disturbance in external shear flows. Part 1. Theoretical considerations and preliminary experimental results, 159–177
- Lombard, P. N.** *See* Winters, Lombard, Riley & D'Asaro
- Milgram, J. H.** *See* Ölmez & Milgram
- Mullin, T.** *See* Darbyshire & Mullin
- Newman, J. N.** *See* Faltinsen, Newman & Vinje
- Ölmez, H. S. & Milgram, J. H.** Nonlinear energy transfer to short gravity waves in the presence of long waves, 199–226
- Riley, J. J.** *See* Winters, Lombard, Riley & D'Asaro
- Sawford, B. L. & Sullivan, P. J.** A simple representation of a developing contaminant concentration field, 141–157
- Sullivan, P. J.** *See* Sawford & Sullivan
- Szeri, A. J.** *See* Fyrrillas & Szeri
- Tsai, W.-T. & Yue, D. K. P.** Effects of soluble and insoluble surfactant on laminar interactions of vortical flows with a free surface, 315–349
- Turner, J. S.** *See* Huppert, Turner & Hallworth
- Viera, F.** On the alignment and axisymmetrization of a vertically tilted geostrophic cortex, 29–50

**Vinje, T.** *See* Faltinsen, Newman & Vinje

**Winters, K. B., Lombard, P. N., Riley, J. J. & D'Asaro, E. A.** Available potential energy and mixing in density-stratified fluids, 115–128

**Woods, A. W.** *See* Cardoso & Woods

**Yue, D. K. P.** *See* Tsai & Yue

**Zhang, X.** Capillary–gravity and capillary waves generated in a wind wave tank: observations and theories, 51–82