

## INDEX

- Antonia, R. A., Browne, L. W. B., Bisset, D. K. & Fulachier, L.** A description of the organized motion in the turbulent far wake of a cylinder at low Reynolds number, 423-444
- Batchelor, G. K.** The stability of a large gas bubble rising through liquid, 399-422
- Berg, J. C.** *See* Camp & Berg
- Bisset, D. K.** *See* Antonia, Browne, Bisset & Fulachier
- Brachet, M. E.** *See* Metcalfe, Orszag, Brachet, Menon & Riley
- Browne, L. W. B.** *See* Antonia, Browne, Bisset & Fulachier
- Camp, D. W. & Berg, J. C.** The spreading of oil on water in the surface-tension regime, 445-462.
- Chen, L.** *See* Vorus & Chen
- Conlisk, A. T.** *See* Johnson & Conlisk
- Couët, B. & Strumolo, G. S.** The effects of surface tension and tube inclination on a two-dimensional rising bubble, 1-14
- Dommermuth, D. G. & Yue, D. K. P.** A high-order spectral method for the study of nonlinear gravity waves, 267-288
- Ebadian, M. A.** *See* Topakoglu & Ebadian
- Ffowcs Williams, J. E. & Hill, D. C.** On the scattering of evanescent waves into sound, 101-121
- Fulachier, L.** *See* Antonia, Brown, Bisset & Fulachier
- Hammack, J. L.** *See* Henderson & Hammack
- Hayashi, Y.-Y. & Young, W. R.** Stable and unstable shear modes of rotating parallel flows in shallow water, 477-504
- Henderson, D. M. & Hammack, J. L.** Experiments on ripple instabilities. Part 1. Resonant triads, 15-41
- Hill, D. C.** *See* Ffowcs Williams & Hill
- Holloway, G.** Systematic forcing of large-scale geophysical flows by eddy-topography interaction, 463-476
- Ingham, D. B. & Pop, I.** Natural convection about a heated horizontal cylinder in a porous medium, 157-181
- Janssen, P. A. E. M.** The initial evolution of gravity-capillary waves, 581-597
- Johnson, R. E. & Conlisk, A. T.** Laminar-film condensation/evaporation on a vertically fluted surface, 245-266
- Kachanov, Yu, S.** On the resonant nature of the breakdown of a laminar boundary layer, 43-74
- Kao, H. C.** Torsion effect on fully developed flow in a helical pipe, 335-356
- Krasny, R.** Computation of vortex sheet roll-up in the Trefftz plane, 123-155
- Mathioulakis, D. S. & Telionis, D. P.** Velocity and vorticity distributions in periodic separating laminar flow, 303-333
- Menon, S.** *See* Metcalfe, Orszag, Brachet, Menon & Riley
- Merkin, J. H.** *See* Needham & Merkin

- Metcalf, R. W., Orszag, S. A., Brachet, M. E., Menon, S. & Riley, J. J.** Secondary instability of a temporally growing mixing layer, 207–243
- Needham, D. J. & Merkin, J. H.** The development of nonlinear waves on the surface of a horizontally rotating thin liquid film, 357–379
- Ohring, S.** Calculations of edgetone flow with forced longitudinal oscillations, 505–531
- Orszag, S. A.** *See* Metcalfe, Orszag, Brachet, Menon & Riley
- Phan-Thien, N., Tran-Cong, T. & Ramia, M.** A boundary-element analysis of flagellar propulsion, 533–549
- Pop, I.** *See* Ingham & Pop
- Ramia, M.** *See* Phan-Thien, Tran-Cong & Ramia
- Riley, J. J.** *See* Metcalfe, Orszag, Brachet, Menon & Riley
- Shepherd, T. G.** Non-ergodicity of inviscid two-dimensional flow on a beta plane and on the surface of a rotating sphere, 289–302
- Strumolo, G. S.** *See* Couët & Strumolo
- Swart, H. E. de & Zimmerman, J. T. F.** Tidal rectification in lateral viscous boundary layers of a semi-enclosed basin, 381–397
- Telionis, D. P.** *See* Mathioulakis & Telionis
- Topakoglu, H. C. & Ebadian, M. A.** Viscous laminar flow in a curved pipe of elliptical cross-section, 571–580
- Tran-Cong, T.** *See* Phan-Thien, Tran-Cong & Ramia
- Vorus, W. S. & Chen, L.** An extension of the ‘Malkus hypothesis’ to the turbulent base flow of blunt sections, 551–569
- Wu, T. Y.** Generation of upstream advancing solitons by moving disturbances, 75–99
- Young, W. R.** *See* Hayashi & Young
- Yue, D. K. P.** *See* Dommermuth & Yue
- Zimmerman, J. T. F.** *See* Swart & Zimmerman
- Zufiria, J. A.** Symmetry breaking in periodic and solitary gravity–capillary waves on water of finite depth, 183–206