

INDEX

- Acrivos, A., Batchelor, G. K., Hinch, E. J., Koch, D. L. & Mauri, R.** Longitudinal shear-induced diffusion of spheres in a dilute suspension, 651–657
- Bai, R., Chen, K. & Joseph, D. D.** Lubricated pipelining: stability of core-annular flow. Part 5. Experiments and comparison with theory, 97–132
- Batchelor, G. K.** *See* Acrivos, Batchelor, Hinch, Koch & Mauri
- Boyer, D. L.** *See* Lin, Lindberg, Boyer & Fernando
- Bridges, J. & Hussain, F.** Direct evaluation of aeroacoustic theory in a jet, 469–501
- Brownjohn, D. P.** *See* Matthews, Hurlburt, Proctor & Brownjohn
- Chau, F. P. & Eatock Taylor, R.** Second-order wave diffraction by a vertical cylinder, 571–599
- Chen, K.** *See* Bai, Chen & Joseph
- Chew, Y. T., Low, H. T., Wong, S. C. & Tan, K. T.** An unsteady wake-source model for flow past an oscillating circular cylinder and its implications for Morison's equation, 627–650
- Cramer, M. S. & Tarkenton, G. M.** Transonic flows of Bethe-Zel'dovich-Thompson fluids, 197–228
- De Silva, I. P. D. & Fernando, H. J. S.** Some aspects of mixing in a stratified turbulent patch, 601–625
- Dias, F.** *See* Vanden-Broeck & Dias
- Eatock Taylor, R.** *See* Chau & Eatock Taylor
- Fernando, H. J. S.** *See* De Silva & Fernando; Lin, Lindberg, Boyer & Fernando
- Ferziger, J. H.** *See* Yang, Spalart & Ferziger
- Gledzer, E. B. & Ponomarev, V. M.** Instability of bounded flows with elliptical streamlines, 1–30
- Göz, M. F.** On the origin of wave patterns in fluidized beds, 379–404
- Grotberg, J. B.** *See* Jensen & Grotberg
- Hinch, E. J.** *See* Acrivos, Batchelor, Hinch, Koch & Mauri
- Hurlburt, N. E.** *See* Matthews, Hurlburt, Proctor & Brownjohn
- Hussain, F.** *See* Bridges & Hussain
- Jensen, O. E. & Grotberg, J. B.** Insoluble surfactant spreading on a thin viscous film: shock evolution and film rupture, 259–288
- Joseph, D. D.** *See* Bai, Chen & Joseph
- Kallio, G. A. & Stock, D. E.** Interaction of electrostatic and fluid dynamic fields in wire-plate electrostatic precipitators, 133–166
- Kato, H.** *See* Kubota, Kato & Yamaguchi
- Kerstein, A. R.** Linear-eddy modelling of turbulent transport. Part 7. Finite-rate chemistry and multi-stream mixing, 289–313
- Klingmann, B. G. B.** On transition due to three-dimensional disturbances in plane Poiseuille flow, 167–195
- Koch, D. L.** *See* Acrivos, Batchelor, Hinch, Koch & Mauri
- Kolodner, P.** *See* Winkler & Kolodner

- Koschmieder, E. L. & Switzer, D. W.** The wavenumbers of supercritical surface-tension-driven Bénard convection, 533–548
- Kubota, A., Kato, H. & Yamaguchi, H.** A new modelling of cavitating flows: a numerical study of unsteady cavitation on a hydrofoil section, 59–96
- Lin, Q., Lindberg, W. R., Boyer, D. L. & Fernando, H. J. S.** Stratified flow past a sphere, 315–354
- Lindberg, W. R.** *See* Lin, Lindberg, Boyer & Fernando
- Longuet-Higgins, M. S.** Capillary rollers and bores, 659–679
- Low, H. T.** *See* Chew, Low, Wong & Tan
- Matthews, P. C., Hurlburt, N. E., Proctor, M. R. E. & Brownjohn, D. P.** Compressible magnetoconvection in oblique fields: linearized theory and simple nonlinear models, 559–569
- Mauri, R.** *See* Acrivos, Batchelor, Hinch, Koch & Mauri
- Özdemir, İ. B. & Whitelaw, J. H.** Impingement of an axisymmetric jet on unheated and heated flat plates, 503–532
- Phillips, O. M.** *See* Salmun & Phillips
- Ponomarev, V. M.** *See* Gledzer & Ponomarev
- Proctor, M. R. E.** *See* Matthews, Hurlburt, Proctor & Brownjohn
- Reznik, G. M.** Dynamics of singular vortices on a beta-plane, 405–432
- Salmun, H. & Phillips, O. M.** An experiment on boundary mixing. Part 2. The slope dependence at small angles, 355–377
- Singer, B. A. & Zang, T. A.** Tollmien–Schlichting wave/Dean vortex interactions in curved channel flow, 681–684
- Spalart, P. R.** *See* Yang, Spalart & Ferziger
- Stock, D. E.** *See* Kallio & Stock
- Switzer, D. W.** *See* Koschmieder & Switzer
- Tan, K. T.** *See* Chew, Low, Wong & Tan
- Tarkenton, G. M.** *See* Cramer & Tarkenton
- Thual, O.** Zero-Prandtl-number convection, 229–258
- Vanden-Broeck, J.-M. & Dias, F.** Gravity-capillary solitary waves in water of infinite depth and related free-surface flows, 549–557
- Whitelaw, J. H.** *See* Özdemir & Whitelaw
- Winkler, B. L. & Kolodner, P.** Measurements of the concentration field in nonlinear travelling-wave convection, 31–58
- Wong, S. C.** *See* Chew, Low, Wong & Tan
- Yamaguchi, H.** *See* Kubota, Kato & Yamaguchi
- Yang, K.-S., Spalart, P. R. & Ferziger, J. H.** Numerical studies of natural transition in a decelerating boundary layer, 433–468
- Zang, T. A.** *See* Singer & Zang