

## INDEX

- Anthore, R.** *See* Bruneau, Anthore, Feuillebois, Auvray & Petipas
- Ashgriz, N. & Poo, J. Y.** Coalescence and separation in binary collisions of liquid drops, 183–204
- Auvray, X.** *See* Bruneau, Anthore, Feuillebois, Auvray & Petipas
- Auzerais, F. M., Jackson, R., Russel, W. B. & Murphy, W. F.** The transient settling of stable and flocculated dispersions, 613–639
- Ben Hadid, H. & Roux, B.** Thermocapillary convection in long horizontal layers of low-Prandtl-number melts subject to a horizontal temperature gradient, 77–103
- Boyd, J. P. & Ma, H.** Numerical study of elliptical modons using a spectral method, 597–611
- Brereton, G. J., Reynolds, W. C. & Jayaraman, R.** Response of a turbulent boundary layer to sinusoidal free-stream unsteadiness, 131–159
- Brown, G. L. & Lopez, J. M.** Axisymmetric vortex breakdown. Part 2. Physical mechanisms, 553–576
- Bruneau, D., Anthore, R., Feuillebois, F., Auvray, X. & Petipas, C.** Measurement of the average velocity of sedimentation in a dilute polydisperse suspension of spheres, 577–596
- Cramer, M. S. & Sen, R.** Mixed nonlinearity and double shocks in superfluid helium, 233–261
- Dalrymple, R. A.** *See* Suh, Dalrymple & Kirby
- Douady, S.** Experimental study of the Faraday instability, 383–409
- Douglass, R. W.** *See* Gardner, Douglass & Trogdon
- Dussan V., E. B.** *See* Weinstein, Dussan V. & Ungar
- Etemadi, N.** On curve and surface stretching in isotropic turbulent flow, 685–692
- Fasel, H. & Konzelmann, U.** Non-parallel stability of a flat-plate boundary layer using the complete Navier–Stokes equations, 311–347
- Feuillebois, F.** *See* Bruneau, Anthore, Feuillebois, Auvray & Petipas
- Fink, J. H. & Griffiths, R. W.** Radial spreading of viscous–gravity currents with solidifying crust, 485–509
- Gardner, D. R., Douglass, R. W. & Trogdon, S. A.** Linear stability of natural convection in spherical annuli, 105–129
- Gnevyshev, V. G. & Shrira, V. I.** On the evaluation of barotropic–baroclinic instability parameters of zonal flows on a beta-plane, 161–181
- Graebel, W. P.** *See* Zhou & Graebel
- Griffiths, R. W.** *See* Fink & Griffiths
- Hatta, N.** *See* Ishii, Hatta, Umeda & Yuhi
- Ishii, R., Hatta, N., Umeda, Y. & Yuhi, M.** Supersonic gas–particle two-phase flow around a sphere, 453–483
- Jackson, R.** *See* Auzerais, Jackson, Russel & Murphy
- Jayaraman, R.** *See* Brereton, Reynolds & Jayaraman
- Johnson, E. R.** *See* Page & Johnson
- Kassoy, D. R.** *See* Wang & Kassoy
- Katz, Y., Seifert, A. & Wagnanski, I.** On the evolution of the turbulent spot in a laminar boundary layer with a favourable pressure gradient, 1–22

- Nakamura, Y. & Hirata, K.** Critical geometry of oscillating bluff bodies, 375–393
- Nishioka, M.** *See* Asai & Nishioka
- Papageorgiou, D. T. & Smith, F. T.** Linear instability of the wake behind a flat plate placed parallel to a uniform stream, 67–89
- Pedley, T. J.** *See* Hill, Pedley & Kessler
- Reed, H. L.** *See* Singer, Ferziger & Reed
- Scriven, L. E.** *See* Christodoulou & Scriven
- Shanmugasundaram, V.** *See* McComb, Shanmugasundaram & Hutchinson
- Shutts, G. J.** Planetary semi-geostrophic equations derived from Hamilton's principle, 545–573
- Singer, B. A., Ferziger, J. H. & Reed, H. L.** Numerical simulations of transition in oscillatory plane channel flow, 45–66
- Smith, F. T.** *See* Papageorgiou & Smith
- Smith, L. M.** *See* Malkus & Smith
- Smith, R.** Loss of frequency response along sampling tubes for the measurements of gaseous composition at high temperatures and pressures, 25–43
- Thorpe, S. A.** The distortion of short internal waves produced by a long wave, with application to ocean boundary mixing, 395–415
- Umemura, A. & Busse, F. H.** Axisymmetric convection at large Rayleigh and infinite Prandtl number, 459–478
- Widnall, S. E.** *See* Li & Widnall
- Williams-Stuber, K.** *See* Gharib & Williams-Stuber