

INDEX

- Acrivos, A.** *See* Natarajan & Acrivos
- Alam, M. & Arakeri, V. H.** Observations on transition in plane bubble plumes, 363–374
- Amiet, R. K.** On the second-order solution to the Sears problem for compressible flow, 213–228
- Arakeri, V. H.** *See* Alam & Arakeri
- Auzerais, F. M.** *See* Dussan V. & Auzerais
- Babić, M.** On the stability of rapid granular flow, 127–150
- Blake, J. R.** *See* Boulton-Stone & Blake
- Bohr, T., Dimon, P. & Putkaradze, V.** Shallow-water approach to the circular hydraulic jump, 635–648
- Bonneton, P.** *See* Chomaz, Bonneton & Hopfinger
- Bonneton, P., Chomaz, J. M. & Hopfinger, E. J.** Internal waves produced by the turbulent wake of a sphere moving horizontally in a stratified fluid, 23–40
- Boulton-Stone, J. M. & Blake, J. R.** Gas bubbles bursting at a free surface, 437–466
- Braester, C. & Vadasz, P.** The effect of a weak heterogeneity of a porous medium on natural convection, 345–362
- Brentner, K. S.** Direct numerical calculation of acoustics: solution evaluation through energy analysis, 267–281
- Chomaz, J. M.** *See* Bonneton, Chomaz & Hopfinger
- Chomaz, J. M., Bonneton, P. & Hopfinger, E. J.** The structure of the near wake of a sphere moving horizontally in a stratified fluid, 1–21
- Columbini, M.** Turbulence-driven secondary flows and formation of sand ridges, 701–719
- Dimon, P.** *See* Bohr, Dimon & Putkaradze
- Dussan V., E. B. & Auzerais, F. M.** Buoyancy-induced flow in porous media generated near a drilled oil well. Part 1. The accumulation of filtrate at a horizontal impermeable boundary, 283–311
- Fine, N. E.** *See* Kinnas & Fine
- Gañán-Calvo, A. M.** *See* Tio, Liñán, Lasheras & Gañán-Calvo
- Gatski, T. B. & Speziale, C. G.** On explicit algebraic stress models for complex turbulent flows, 59–78
- Ghosh Moulic, S.** *See* Rogers, Ghosh Moulic & Yao
- Guj, G.** *See* Stella, Guj & Leonardi
- Hopfinger, E. J.** *See* Chomaz, Bonneton & Hopfinger; Bonneton, Chomaz & Hopfinger
- Hussaini, M. Y.** *See* Jackson, Macaraeg & Hussaini
- Jackson, T. L., Macaraeg, M. G. & Hussaini, M. Y.** The role of acoustics in flame/vortex interactions, 579–603
- Kinnas, S. A. & Fine, N. E.** A numerical nonlinear analysis of the flow around two- and three-dimensional partially cavitating hydrofoils, 151–181
- Kundu, P. K.** On internal waves generated by travelling wind, 529–559
- Kuznetsov, N.** Trapped modes of internal waves in a channel spanned by a submerged cylinder, 113–126

- Lasheras, J. C.** *See* Tio, Liñán, Lasheras & Gañán-Calvo
- Lawrence, G. A.** The hydraulics of steady two-layer flow over a fixed obstacle, 605–633
- Leonardi, E.** *See* Stella, Guj & Leonardi
- Liñán, A.** *See* Tio, Liñán, Lasheras & Gañán-Calvo
- Liu, R.** *See* Nicolaou, Liu & Stevenson
- Liu, Y. & Yue, D. K. P.** On the solution near the critical frequency for an oscillating and translating body in or near a free surface, 251–266
- Macaraeg, M. G.** *See* Jackson, Macaraeg & Hussaini
- Natarajan, R. & Acrivos, A.** The instability of the steady flow past spheres and disks, 323–344
- Nicolaou, D., Liu, R. & Stevenson, T. N.** The evolution of thermocline waves from an oscillatory disturbance, 401–416
- Nycander, J.** The difference between monopole vortices in planetary flows and laboratory experiments, 561–577
- O'Brien, S. B. G. M.** On Marangoni drying: nonlinear kinematic waves in a thin film, 649–670
- Pelekasis, N. A. & Tsamopoulos, J. A.** Bjerknes forces between two bubbles. Part 1. Response to a step change in pressure, 467–499
- Pelekasis, N. A. & Tsamopoulos, J. A.** Bjerknes forces between two bubbles. Part 2. Response to an oscillatory pressure field, 501–527
- Pitts, W. M.** *See* Richards & Pitts
- Proctor, M. R. E.** A note on the nonlinear development of the Batchelor–Nitsche instability, 313–321
- Putkaradze, V.** *See* Bohr, Dimon & Putkaradze
- Richards, C. D. & Pitts, W. M.** Global density effects on the self-preservation behaviour of turbulent free jets, 417–435
- Rogers, B. B., Ghosh Moulic, S. & Yao, L. S.** Finite-amplitude instability of mixed convection, 229–250
- Smereka, P.** On the motion of bubbles in a periodic box, 79–112
- Speziale, C. G.** *See* Gatski & Speziale
- Stella, F., Guj, G. & Leonardi, E.** The Rayleigh–Bénard problem in intermediate bounded domains, 375–400
- Stevenson, T. N.** *See* Nicolaou, Liu & Stevenson
- Tio, K.-K., Liñán, A., Lasheras, J. C. & Gañán-Calvo, A. M.** On the dynamics of buoyant and heavy particles in a periodic Stuart vortex flow, 671–699
- Tsamopoulos, J. A.** *See* Pelekasis & Tsamopoulos
- Vadasz, P.** *See* Braester & Vadasz
- Wu, G. X.** Hydrodynamic forces on a submerged circular cylinder undergoing large-amplitude motion, 41–58
- Wu, J.-Z. & Wu, J.-M.** Interactions between a solid surface and a viscous compressible flow field, 183–211
- Wu, J.-M.** *See* Wu & Wu
- Yao, L. S.** *See* Rogers, Ghosh Moulic & Yao
- Yue, D. K. P.** *See* Liu & Yue