

INDEX

- Achard, J.-L., Drew, D. A. & Lahey, R. T.** The analysis of nonlinear density-wave oscillations in boiling channels, 213–232
- Aranha, J. A. P. & Sugaya, M.** A note on head-sea diffraction by a slender body, 131–139
- Bories, S.** *See* Caltagirone & Bories
- Bossis, G.** *See* Brady & Bossis
- Bradshaw, P.** *See* Shabaka, Mehta & Bradshaw
- Brady, J. F. & Bossis, G.** The rheology of concentrated suspensions of spheres in simple shear flow by numerical simulation, 105–129
- Caltagirone, J. P. & Bories, S.** Solutions and stability criteria of natural convective flow in an inclined porous layer, 267–287
- Carpenter, B. & Homsy, G. M.** The effect of surface contamination on thermocapillary flow in a two-dimensional slot. Part 2. Partially contaminated interfaces, 429–439
- Carpenter, P. W. & Garrad, A. D.** The hydrodynamic stability of flow over Kramer-type compliant surfaces. Part 1. Tollmien–Schlichting instabilities, 465–510
- Drew, D. A.** *See* Achard, Drew & Lahey
- Foster, M. R.** Delayed separation in eastward, rotating flow on a β -plane, 59–75
- Frankel, I. & Weihs, D.** Stability of a capillary jet with linearly increasing axial velocity (with application to shaped charges), 289–307
- Garrad, A. D.** *See* Carpenter & Garrad
- Homsy, G. M.** *See* Carpenter & Homsy
- Hulme, A.** The heave added-mass and damping coefficients of a submerged torus, 511–530
- Ikushima, Y.** *See* Kambe, Minota & Ikushima
- Jiang, D.** On the dispersion of fluid particles, 309–326
- Kambe, T., Minota, T. & Ikushima, Y.** Acoustic wave emitted by a vortex ring passing near the edge of a half-plane, 77–103
- Kim, J.** *See* Moin & Kim
- Klaassen, G. P. & Peltier, W. R.** The onset of turbulence in finite-amplitude Kelvin–Helmholz billows, 1–35
- Lahey, R. T.** *See* Achard, Drew & Lahey
- Lundgren, T. S.** The vortical flow above the drain-hole in a rotating vessel, 381–412
- Mehta, R. D.** *See* Shabaka, Mehta & Bradshaw
- Minota, T.** *See* Kambe, Minota & Ikushima
- Moin, P. & Kim, J.** The structure of the vorticity field in turbulent channel flow. Part 1. Analysis of instantaneous fields and statistical correlations, 441–464
- Owen, J. M., Pincombe, J. R. & Rogers, R. H.** Source–sink flow inside a rotating cylindrical cavity, 233–265
- Paull, R. & Pillow, A. F.** Conically similar viscous flows. Part 2. One-parameter swirl-free flows, 343–358

- Paull, R. & Pillow, A. F.** Conically similar viscous flows. Part 3. Characterization of axial causes in swirling flow and the one-parameter flow generated by a uniform half-line source of kinematic swirl angular momentum, 359–379
- Paull, R.** *See* Pillow & Paull
- Peltier, W. R.** *See* Klaassen & Peltier
- Pillow, A. F. & Paull, R.** Conically similar viscous flows. Part 1. Basic conservation principles and characterization of axial causes in swirl-free flow, 327–341
- Pillow, A. F.** *See* Paull & Pillow
- Pincombe, J. R.** *See* Owen, Pincombe & Rogers
- Prusa, J. & Yao, L. S.** Effects of density change and subcooling on the melting of a solid around a horizontal heated cylinder, 193–212
- Rogers, R. H.** *See* Owen, Pincombe & Rogers
- Shabaka, I. M. M. A., Mehta, R. D. & Bradshaw, P.** Longitudinal vortices imbedded in turbulent boundary layers. Part 1. Single vortex, 37–57
- Smith, F. T.** A structure for laminar flow past a bluff body at high Reynolds number, 175–191
- Sugaya, M.** *See* Aranha & Sugaya
- Wang, J. C. T.** Renewed studies on the unsteady boundary layers governed by singular parabolic equations, 413–427
- Weihs, D.** *See* Frankel & Weihs
- Williamson, C. H. K.** Sinusoidal flow relative to circular cylinders, 141–174
- Yao, L. S.** *See* Prusa & Yao