

INDEX

- Armfield, S. W.** *See* Patterson & Armfield
- Babić, M., Shen, H. H. & Shen, H. T.** The stress tensor in granular shear flows of uniform, deformable disks at high solids concentrations, 81–118
- Bazhlekov, I. B.** *See* Shopov, Minev, Bazhlekov & Zapryanov
- Beresnev, S. A., Chernyak, V. G. & Fomyagin, G. A.** Motion of a spherical particle in a rarefied gas. Part 2. Drag and thermal polarization, 405–421.
- Boubnov, B. M. & Golitsyn, G. S.** Temperature and velocity field regimes of convective motions in a rotating plane fluid layer, 215–239
- Breidenthal, R. E., Buonadonna, V. R. & Weisbach, M. F.** Molecular mixing via jets in confined volumes, 531–544
- Brown, S. N.** *See* Smith & Brown
- Buonadonna, V. R.** *See* Breidenthal, Buonadonna & Weisbach
- Cattaneo, F., Chiueh, T. & Hughes, D. W.** Buoyancy-driven instabilities and the nonlinear breakup of a sheared magnetic layer, 1–23
- Chernyak, V. G.** *See* Beresnev, Chernyak & Fomyagin
- Chiueh, T.** *See* Cattaneo, Chiueh & Hughes
- Davey, M. K.** *See* Johnson & Davey
- Duck, P. W.** The response of a laminar boundary layer in supersonic flow to small-amplitude progressive waves, 423–448
- Falco, R. E.** *See* Klewicki & Falco
- Fomyagin, G. A.** *See* Beresnev, Chernyak & Fomyagin
- Goldstein, M. E. & Wundrow, D. W.** Spatial evolution of nonlinear acoustic mode instabilities on hypersonic boundary layers, 585–607
- Golitsyn, G. S.** *See* Boubnov & Golitsyn
- Grove, J. W. & Menikoff, R.** Anomalous reflection of a shock wave at a fluid interface, 313–336
- Hammack, J.** *See* Perlin, Henderson & Hammack
- Henderson, D.** *See* Perlin, Henderson & Hammack
- Hughes, D. W.** *See* Cattaneo, Chiueh & Hughes
- Jacqmin, D.** Stability of an oscillated fluid with a uniform density gradient, 449–468
- Johnson, E. R. & Davey, M. K.** Free-surface adjustment and topographic waves in coastal currents, 273–289
- Klewicki, J. C. & Falco, R. E.** On accurately measuring statistics associated with small-scale structure in turbulent boundary layers using hot-wire probes, 119–142
- Kosinov, A. D., Maslov, A. A. & Shevelkov, S. G.** Experiments on the stability of supersonic laminar boundary layers, 621–633
- Krumdieck, S. D.** *See* Weidman, Krumdieck & Rouse
- LaRue, J. C.** *See* Mohamed & LaRue
- Law, C. K.** *See* Umemura & Law

- Liu, R., Nicolaou, D. & Stevenson, T. N.** Waves from an oscillatory disturbance in a stratified shear flow, 609–619
- Maslov, A. A.** *See* Kosinov, Maslov & Shevelkov
- Matarrese, M. D.** *See* Messiter & Matarrese
- McIver, M. & McIver, P.** Second-order wave diffraction by a submerged circular cylinder, 519–529
- McIver, P.** *See* McIver & McIver
- McWilliams, J. C.** The vortices of two-dimensional turbulence, 361–385
- McWilliams, J. C.** The vortices of geostrophic turbulence, 387–404
- Menikoff, R.** *See* Grove & Menikoff
- Messiter, A. F. & Matarrese, M. D.** Hypersonic viscous interaction with strong blowing, 291–311
- Miles, J.** Capillary–viscous forcing of surface waves, 635–646
- Minev, P. D.** *See* Shopov, Minev, Bazhlevkov & Zapryanov
- Mohamed, M. S. & LaRue, J. C.** The decay power law in grid-generated turbulence, 195–214
- Nicolaou, D.** *See* Liu, Nicolaou & Stevenson
- Oğuz, H. N. & Prosperetti, A.** Bubble entrainment by the impact of drops on liquid surfaces, 143–179
- Patterson, J. C. & Armfield, S. W.** Transient features of natural convection in a cavity, 469–497
- Perlin, M., Henderson, D. & Hammack, J.** Experiments on ripple instabilities. Part 2. Selective amplification of resonant triads, 51–80
- Prosperetti, A.** *See* Oğuz & Prosperetti
- Rouse, P.** *See* Weidman, Krumdieck & Rouse
- Shen, H. H.** *See* Babić, Shen & Shen
- Shen, H. T.** *See* Babić, Shen & Shen
- Shevelkov, S. G.** *See* Kosinov, Maslov & Shevelkov
- Shopov, P. J., Minev, P. D., Bazhlevkov, I. B. & Zapryanov, Z. D.** Interaction of a deformable bubble with a rigid wall at moderate Reynolds numbers, 241–271.
- Smith, F. T. & Brown, S. N.** The inviscid instability of a Blasius boundary layer at large values of the Mach number, 490–518
- Smith, M. K.** The long-wave instability in heated or cooled inclined liquid layers, 337–360
- Smith, R.** Shear dispersion along a rotating axle in a closely fitting shaft, 647–658
- Stevenson, T. N.** *See* Liu, Nicolaou & Stevenson
- Tuttle, E. R.** Laminar flow in twisted pipes, 545–570
- Umemura, A. & Law, C. K.** Natural-convection boundary-layer flow over a heated plate with arbitrary inclination, 571–584
- Weidman, P. D., Krumdieck, S. D. & Rouse, P.** The shape and stability of pinned rotating annular menisci, 25–50
- Weisbach, M. F.** *See* Breidenthal, Buonadonna & Weisbach
- Wundrow, D. W.** *See* Goldstein & Wundrow
- Yamazaki, H.** Breakage models: lognormality and intermittency, 181–193
- Zapryanov, Z. D.** *See* Shopov, Minev, Bazhlevkov & Zapryanov