

## INDEX

- Andreopoulos, J. & Muck, K. C.** Some new aspects of the shock-wave/boundary-layer interaction in compression-ramp flows, 405–428
- Aranha, J. A. P. & Sugaya, M.** Diffraction of sea waves by a slender body. Part 1. The shallow-water limit, 51–85
- Bandyopadhyay, P. R.** Rough-wall turbulent boundary layers in the transition regime, 231–266
- Berry, D. H. & Russel, W. B.** The rheology of dilute suspensions of slender rods in weak flows, 475–494
- Bossis, G.** *See* Durlofsky, Brady & Bossis
- Boyer, D. L. & Tao, L.** On the motion of linearly stratified rotating fluids past capes, 429–449
- Brady, J. F.** *See* Durlofsky, Brady & Bossis
- Brady, J. F.** *See* Koch & Brady
- Churilov, S. M. & Shukhman, I. G.** Nonlinear stability of a stratified shear flow: a viscous critical layer, 1–20
- Durlofsky, L., Brady, J. F. & Bossis, G.** Dynamic simulation of hydrodynamically interacting particles, 21–49
- Eaton, B. E.** Analysis of laminar vortex shedding behind a circular cylinder by computer-aided flow visualization, 117–145
- Elsner, J. W. & Kurzak, L.** Characteristics of turbulent flow in slightly heated free swirling jets, 147–169
- Frisch, U.** *See* Galloway & Frisch
- Galloway, D. & Frisch, U.** A note on the stability of a family of space-periodic Beltrami flows, 557–564
- Hayakawa, M.** *See* Hussain & Hayakawa
- Hosking, R. J.** *See* Schulkes, Hosking & Sneyd
- Hussain, A. K. M. F. & Hayakawa, M.** Eddition of large-scale organized structures in a plane turbulent wake, 193–229
- Janicka, J.** *See* Shih, Lumley & Janicka
- Koch, D. L. & Brady, J. F.** A non-local description of advection–diffusion with application to dispersion in porous media, 387–403
- Kurzak, L.** *See* Elsner & Kurzak
- Liu, P. L.-F.** *See* Yoon & Liu
- Lumley, J. L.** *See* Shih, Lumley & Janicka
- Matsukawa, T.** *See* Nakamura & Matsukawa
- Muck, K. C.** *See* Andreopoulos & Muck
- Nakamura, Y. & Matsukawa, T.** Vortex excitation of rectangular cylinders with a long side normal to the flow, 171–191
- Pozrikidis, C.** Creeping flow in two-dimensional channels, 495–514
- Pozrikidis, C.** A study of peristaltic flow, 515–527
- Riley, N.** Streaming from a cylinder due to an acoustic source, 319–326

- Rosen, G.** Transformation invariance of the longitudinal velocity correlation in grid-generated turbulence at high Reynolds numbers, 87–91
- Russel, W. B.** See *Berry & Russel*
- Schulkes, R. M. S. M., Hosking, R. J. & Sneyd, A. D.** Waves due to a steadily moving source on a floating ice plate. Part 2, 297–318
- Shih, T.-H., Lumley, J. L. & Janicka, J.** Second-order modelling of a variable-density mixing layer, 93–116
- Shukhman, I. G.** See *Churilov & Shukhman*
- Sneyd, A. D.** See *Schulkes, Hosking & Sneyd*
- Soward, A. M.** Fast dynamo action in a steady flow, 267–295
- Sugaya, M.** See *Aranha & Sugaya*
- Tao, L.** See *Boyer & Tao*
- Thomson, D. J.** Criteria for the selection of stochastic models of particle trajectories in turbulent flows, 529–556
- Veronis, G.** The role of the buoyancy layer in determining the structure of salt fingers, 327–342
- Winters, K. H.** A bifurcation study of laminar flow in a curved tube of rectangular cross-section, 343–369
- Wu, J.** See *Yu & Wu*
- Yoon, S. B. & Liu, P. L.-F.** Resonant reflection of shallow-water waves due to corrugated boundaries, 451–469
- Yu, Z. & Wu, J.** On the integral relationship for mean angular momentum of gravity waves in finite-depth water, 471–473
- Zufiria, J. A.** Weakly nonlinear non-symmetric gravity waves on water of finite depth, 371–385