

## INDEX

- Benjamin, T. B.** On the Boussinesq model for two-dimensional wave motions in heterogeneous fluids, 445–474
- Boris, J. P.** *See* Grinstein, Oran & Boris
- Braza, M., Chassaing, P. & Ha Minh, H.** Numerical study and physical analysis of the pressure and velocity fields in the near wake of a circular cylinder, 79–130.
- Breit, S. R. & Sclavounos, P. D.** Wave interaction between adjacent slender bodies, 273–296
- Britter, R. E.** *See* Stapountzis, Sawford, Hunt & Britter
- Carruthers, D. J. & Hunt, J. C. R.** Velocity fluctuations near an interface between a turbulent region and a stably stratified layer, 475–501
- Chassaing, P.** *See* Braza, Chassaing & Ha Minh
- Chong, M. S.** *See* Perry, Henbest & Chong
- Focke, W. W. & Knibbe, P. G.** Flow visualization in parallel-plate ducts with corrugated walls, 73–77
- Gollahalli, S. R.** *See* Savaş & Gollahalli
- Grinstein, F. F., Oran, E. S. & Boris, J. P.** Numerical simulations of asymmetric mixing in planar shear flows, 201–220
- Ha Minh, H.** *See* Braza, Chassaing & Ha Minh
- Henbest, S.** *See* Perry, Henbest & Chong
- Hill, D. C.** Starting mechanics of an evanescent wavefield, 319–333
- Hill, M. G., Riley, N. & Morton, K. W.** An integral method for subcritical compressible flow, 231–246
- Hunt, J. C. R.** *See* Sawford & Hunt
- Hunt, J. C. R.** *See* Stapountzis, Sawford, Hunt & Britter
- Hunt, J. C. R.** *See* Carruthers & Hunt
- Kaviany, M.** Gradient destruction in flow through a rigid matrix, 221–230
- Kluwick, A. & Wohlfahrt, H.** Hot-wire-anemometer study of the entry flow in a curved duct, 335–353
- Knibbe, P. G.** *See* Focke & Knibbe
- Kuiken, H. K.** On the influence of longitudinal diffusion in time-dependent convective–diffusive systems, 147–162
- Lindzen, R. S. & Rambaldi, S.** A study of over-reflection in viscous Poiseuille flow, 355–372
- Liu, P. L.-F.** Hydrodynamic pressures on rigid dams during earthquakes, 131–145
- Maxworthy, T.** *See* Spedding & Maxworthy
- Morton, K. W.** *See* Hill, Riley & Morton
- Oran, E. S.** *See* Grinstein, Oran & Boris
- Perry, A. E., Henbest, S. & Chong, M. S.** A theoretical and experimental study of wall turbulence, 163–199
- Pritchard, W. G.** Instability and chaotic behaviour in a free-surface flow, 1–60

- Rambaldi, S.** *See* Lindzen & Rambaldi
- Riley, N.** *See* Hill, Riley & Morton
- Sarpkaya, T.** Force on a circular cylinder in viscous oscillatory flow at low Keulegan–Carpenter numbers, 61–71
- Savaş, Ö. & Gollahalli, S. R.** Stability of lifted laminar round gas-jet flame, 297–318
- Sawford, B. L. & Hunt, J. C. R.** Effects of turbulence structure, molecular diffusion and source size on scalar fluctuations in homogeneous turbulence, 373–400
- Sawford, B. L.** *See* Stapountzis, Sawford, Hunt & Britter
- Sclavounos, P. D.** *See* Breit & Sclavounos
- Smith, R.** Vertical drift and reaction effects upon contaminant dispersion in parallel shear flows, 425–444
- Spedding, G. R. & Maxworthy, T.** The generation of circulation and lift in a rigid two-dimensional fling, 247–272
- Stapountzis, H., Sawford, B. L., Hunt, J. C. R. & Britter, R. E.** Structure of the temperature field downwind of a line source in grid turbulence, 401–424
- Wohlfahrt, H.** *See* Kluwick & Wohlfahrt