

## INDEX

- Blackburn, H. M. & Melbourne, W. H.** The effect of free-stream turbulence on sectional lift forces on a circular cylinder, 267–292
- Borue, V. & Orszag, S. A.** Numerical study of three-dimensional Kolmogorov flow at high Reynolds numbers, 293–323
- Bowman, J. C.** On inertial-range scaling laws, 167–181
- Brandenburg, A., Jennings, R. L., Nordlund, Å., Rieutord, M., Stein, R. F. & Tuominen, I.** Magnetic structures in a dynamo simulation, 325–352
- Broutman, D.** *See* Rottman, Broutman & Grimshaw
- Buttsworth, D. R.** Interaction of oblique shock waves and planar mixing regions, 43–57
- Clavin, P. & He, L.** Stability and nonlinear dynamics of one-dimensional overdriven detonations in gases, 353–378
- Dolez, N.** *See* Tomasini, Dolez & Léorat
- Fichman, M.** *See* Vainshtein, Fichman, Shuster & Gutfinger
- Glasser, B. J., Kevrekidis, I. G. & Sundaresan, S.** One- and two-dimensional travelling wave solutions in gas-fluidized beds, 183–221
- Grant, J. R.** *See* Marshall & Grant
- Grimshaw, R.** *See* Rottman, Broutman & Grimshaw
- Gubbins, D.** *See* Sarson & Gubbins
- Gutfinger, C.** *See* Vainshtein, Fichman, Shuster & Gutfinger
- He, L.** *See* Clavin & He
- Jennings, R. L.** *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen
- Kelso, R. M., Lim, T. T. & Perry, A. E.** An experimental study of round jets in cross-flow, 111–144
- Kevrekidis, I. G.** *See* Glasser, Kevrekidis & Sundaresan
- Léorat, J.** *See* Tomasini, Dolez & Léorat
- Lim, T. T.** *See* Kelso, Lim & Perry
- Marshall, J. S. & Grant, J. R.** Penetration of a blade into a vortex core: vorticity response and unsteady blade forces, 83–109
- Melbourne, W. H.** *See* Blackburn & Melbourne
- Nordlund, Å.** *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen
- Orszag, S. A.** *See* Borue & Orszag
- Perry, A. E.** *See* Kelso, Lim & Perry
- Rein, M.** The transitional regime between coalescing and splashing drops, 145–165
- Rieutord, M.** *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen
- Rottman, J. W., Broutman, D. & Grimshaw, R.** Numerical simulations of uniformly stratified fluid over topography, 1–30
- Sarson, G. R. & Gubbins, D.** Three-dimensional kinematic dynamos dominated by strong differential rotation, 223–265
- Shuster, K.** *See* Vainshtein, Fichman, Shuster & Gutfinger

**Stein, R. F.** *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

**Sundaresan, S.** *See* Glasser, Kevrekidis & Sundaresan

**Tomasini, M., Dolez, N. & Léorat, J.** Instability of a rotating shear layer in the transonic regime, 59–82

**Tuominen, I.** *See* Brandenburg, Jennings, Nordlund, Rieutord, Stein & Tuominen

**Vainshtein, P., Fichman, M., Shuster, K. & Gutfinger, C.** The effect of centreline particle concentration in a wave tube, 31–42