INDEX

Aref, H. *See* Tryggvason & Aref

Bardina, J., Ferziger, J. H. & Rogallo, R. S. Effect of rotation on isotropic turbulence: computation and modelling, 321–336

Bearman, P. W., Downie, M. J., Graham, J. M. R. & Obasaju, E. D. Forces on cylinders in viscous oscillatory flow at low Keulegan–Carpenter numbers, 337–355

Brady, J. F. *See* Koch & Brady

Brenner, H. *See* Kunesh, Brenner, O'Neill & Falade

Brenner, H. *See* Falade & Brenner

Buning, P. G. *See* Hung & Buning

Burk, S. *See* Weinstock & Burk

Chung, J. N. *See* Oliver & Chung

Downie, M. J. *See* Bearman, Downie, Graham & Obasaju

Falade, A. *See* Kunesh, Brenner, O'Neill & Falade

Falade, A. & Brenner, H. Stokes wall effects for particles moving near cylindrical boundaries, 145–162

Ferziger, J. H. *See* Bardina, Ferziger & Rogallo

Franc, J. P. & Michel, J. M. Attached cavitation and the boundary layer: experimental investigation and numerical treatment, 63–90

Goldstein, M. E. Scattering of acoustic waves into Tollmien–Schlichting waves by small streamwise variations in surface geometry, 509–529

Graham, J. M. R. *See* Bearman, Downie, Graham & Obasaju

Humphrey, J. A. C., Iacovides, H. & Launder, B. E. Some numerical experiments on developing laminar flow in circular-sectioned bends, 357–375

Hung, C.-M. & Buning, P. G. Simulation of blunt-fin-induced shock-wave and turbulent boundary-layer interaction, 163–185

Iacovides, H. *See* Humphrey, Iacovides & Launder

Israeli, M. *See* Ungarish & Israeli

Jansons, K. M. Moving contact lines on a two-dimensional rough surface, 1–28

Kim, S. & Russel, W. B. The hydrodynamic interactions between two spheres in a Brinkman medium, 253–268

Kim, S. & Russel, W. B. Modelling of porous media by renormalization of the Stokes equations, 269–286

Kiya, M. & Sasaki, K. Structure of large-scale vortices and unsteady reverse flow in the reattaching zone of a turbulent separation bubble, 463–491

Koch, D. L. & Brady, J. F. Dispersion in fixed beds, 399–427

Kunesh, J. G., Brenner, H., O'Neill, M. E. & Falade, A. Torque measurements on a stationary axially positioned sphere partially and fully submerged beneath the free surface of a slowly rotating viscous fluid, 29–42

Launder, B. E. *See* Humphrey, Iacovides & Launder

Le Provost, C. *See* Verron & le Provost

Michel, J. M. *See* Franc & Michel

Mochizuki, S. & Yang, W.-J. Self-sustained radial oscillating flows between parallel disks, 377–397

Moffatt, H. K. & Proctor, M. R. E. Topological constraints associated with fast dynamo action, 493–507

O'Neill, M. E. *See* Kunesh, Brenner, O'Neill & Falade

Obasaju, E. D. *See* Bearman, Downie, Graham & Obasaju

Oliver, D. L. R. & Chung, J. N. Steady flows inside and around a fluid sphere at low Reynolds numbers, 215–230

Panaras, A. G. Pressure pulses generated by the interaction of a discrete vortex with an edge, 445–462

Proctor, M. R. E. *See* Moffatt & Proctor

Rogallo, R. S. *See* Bardina, Ferziger & Rogallo

Russel, W. B. *See* Kim & Russel

Sasaki, K. *See* Kiya & Sasaki

Schneider, W. Decay of momentum flux in submerged jets, 91–110

Schofield, W. H. Turbulent-boundary-layer development in an adverse pressure gradient after an interaction with a normal shock wave, 43–62

Sreenivasan, K. R. The effect of contraction on a homogeneous turbulent shear flow, 187–213

Tryggvason, G. & Aref, H. Finger-interaction mechanisms in stratified Hele-Shaw flow, 287–301

Ungarish, M. & Israeli, M. Axisymmetric compressible flow in a rotating cylinder with axial convection, 121–144

Verron, J. & Le Provost, C. A numerical study of quasi-geostrophic flow over isolated topography, 231–252

Walton, I. C. The effect of a shear flow on convection in a layer heated non-uniformly from below, 303–319

Weinstock, J. & Burk, S. Theoretical pressure–strain term, experimental comparison, and resistance to large anisotropy, 429–443

Yang, W.-J. *See* Mochizuki & Yang

Zauner, E. Visualization of viscous flow induced by a round jet, 111–119