INDEX

Altman, D. B. Critical layers in accelerating two-layer flows, 429–451

Antonia, R. A. *See* Sankaran, Sokolov & Antonia

Arora, D. S. *See* Sen & Arora

Atten, P. *See* McCluskey & Atten

Auton, T. R., Hunt, J. C. R. & Prud'homme, M. The force exerted on a body in an inviscid unsteady non-uniform rotational flow, 241–257

Ball, K. S. & Farouk, B. Bifurcation phenomena in Taylor–Couette flow with buoyancy effects, 479–501

Barenghi, C. F. & Jones, C. A. The stability of the Couette flow of helium II, 551–569

Byatt-Smith, J. G. B. The reflection of a solitary wave by a vertical wall, 503–521

Cliffe, K. A. Numerical calculations of the primary-flow exchange process in the Taylor problem, 57–79

Duck, P. W. The effect of small surface perturbations on the pulsatile boundary layer on a semi-infinite flat plate, 259–293

Durbin, P. A. Considerations on the moving contact-line singularity, with application to frictional drag on a slender drop, 157–169

Farouk, B. *See* Ball & Farouk

Flierl, G. R. On the instability of geostrophic vortices, 349–388

Ganatos, P. *See* Hassonjee, Ganatos & Pfeffer

Goldstein, M. E. & Hultgren, L. S. Nonlinear spatial evolution of an externally excited instability wave in a free shear layer, 295–330

Groth, J. & Johansson, A. V. Turbulence reduction by screens, 139–155

Hassonjee, Q., Ganatos, P. & Pfeffer, R. A strong-interaction theory for the motion of arbitrary three-dimensional clusters of spherical particles at low Reynolds number, 1–37

Helfrich, K. R. & Send, U. Finite-amplitude evolution of two-layer geostrophic vortices, 331–348

Homa, J., Lucas, M. & Rockwell, D. Interaction of impulsively generated vortex pairs with bodies, 571–594

Hultgren, L. S. *See* Goldstein & Hultgren

Hunt, J. C. R. *See* Auton, Hunt & Prud'homme

Johansson, A. V. *See* Groth & Johansson

Jones, C. A. *See* Barenghi & Jones

Kawamura, H. & Toba, Y. Ordered motion in the turbulent boundary layer over wind waves, 105–138

Le Méhauté, B. Gravity–capillary rings generated by water drops, 415–427

Lucas, M. *See* Homa, Lucas & Rockwell

McCluskey, F. M. J. & Atten, P. Modifications to the wake of a wire across Poiseuille flow due to a unipolar space charge, 81–104

Papamoschou, D. & Roshko, A. The compressible turbulent shear layer: an experimental study, 453–477

Pfeffer, R. *See* Hassonjee, Ganatos & Pfeffer

Poslinski, A. J. *See* Tsamopoulos, Poslinski & Ryan

Prud'homme, M. *See* Auton, Hunt & Prud'homme

Rockwell, D. *See* Homa, Lucas & Rockwell

Roshko, A. *See* Papamoschou & Roshko

Ruzmaikin, A., Sokoloff, D. & Shukurov, A. Hydromagnetic screw dynamo, 39–56

Ryan, M. E. *See* Tsamopoulos, Poslinski & Ryan

Sankaran, R., Sokolov, M. & Antonia, R. A. Substructures in a turbulent spot, 389–414

Sen, P. K. & Arora, D. S. On the stability of laminar boundary-layer flow over a flat plate with a compliant surface, 201–240

Send, U. *See* Helfrich & Send

Shields, J. J. & Webster, W. C. On direct methods in water-wave theory, 171–199

Shukurov, A. *See* Ruzmaikin, Sokoloff & Shukurov

Sokoloff, D. *See* Ruzmaikin, Sokoloff & Shukurov

Sokolov, M. *See* Sankaran, Sokolov & Antonia

Toba, Y. *See* Kawamura & Toba

Tsamopoulos, J. A., Poslinski, A. J. & Ryan, M. E. Equilibrium shapes and stability of captive annular menisci, 523–549

Webster, W. C. *See* Shields & Webster