INDEX

Armfield, S. W. & Patterson, J. C. Wave properties of natural-convection boundary layers, 195–211

Babarsky, R. *See* Wood & Babarsky

Balakumar, P. & Malik, M. R. Discrete modes and continuous spectra in supersonic boundary layers, 631–656

Bell, J. H. & Mehta, R. D. Measurements of the streamwise vortical structures in a plane mixing layer, 213–248

Bercovici, D., Schubert, G. & Glatzmaier, G. A. Three-dimensional convection of an infinite-Prandtl-number compressible fluid in a basally heated spherical shell, 683–719

Blondeaux, P. *See* Vittori & Blondeaux

Clough, R. C. *See* Petersen & Clough

Corke, T. C., Krull, J. D. & Ghassemi, M. Three-dimensional-mode resonance in far wakes, 99–132

Das, S. K. *See* Mazumder & Das

Fautrelle, Y. *See* Galpin & Fautrelle; Galpin, Fautrelle & Sneyd

Galpin, J. M. & Fautrelle, Y. Liquid-metal flows induced by low-frequency alternating magnetic fields, 383–408

Galpin, J. M., Fautrelle, Y. & Sneyd, A. D. Parametric resonance in low-frequency magnetic stirring, 409–427

Ghassemi, M. *See* Corke, Krull & Ghassemi

Glatzmaier, G. A. *See* Bercovici, Schubert & Glatzmaier

Heijst, G. J. F. van *See* Kloosterziel & Heijst

Hocking, L. M. Rival contact-angle models and the spreading of drops, 671–681

Howard, L. N. & Veronis, G. Stability of salt fingers with negligible diffusivity, 511–522

Jaluria Y. *See* Papanicolaou & Jaluria

Klapper, I. A study of fast dynamo action in chaotic helical cells, 359–381

Kloosterziel, R. C. & Heijst, G. J. F. van. The evolution of stable barotropic vortices in a rotating free-surface fluid, 607–629

Knobloch, E., Proctor, M. R. E. & Weiss, N. O. Heteroclinic bifurcations in a simple model of double-diffusive convection, 273–292

Krull, J. D. *See* Corke, Krull & Ghassemi

Lesieur, M. *See* Métais & Lesieur

Lighthill, J. Acoustic streaming in the ear itself, 551–606

Lord, R. G. Direct simulation Monte Carlo calculations of rarefied flows with incomplete surface accommodation, 449–459

Lundgren, T. S., Yao, J. & Mansour, N. N. Microburst modelling and scaling, 461–488

Malik, M. R. *See* Balakumar & Malik

Mansour, N. N. *See* Lundgren, Yao & Mansour

Mazumder, B. S. & Das, S. K. Effect of boundary reaction on solute dispersion in pulsatile flow through a tube, 523–549

Mehta, R. D. *See* Bell & Mehta

Métais, O. & Lesieur, M. Spectral large-eddy simulation of isotropic and stably stratified turbulence, 157–194

Milgram, J. H. *See* Ölmez & Milgram

Ölmez, H. S. & Milgram, J. H. An experimental study of attenuation of short water waves by turbulence, 133–156

Otto, S. R. On stability of flow around an oscillating sphere, 47–63

Papanicolaou, E. & Jaluria, Y. Transition to a periodic regime in mixed convection in a square cavity, 489–509

Patterson, J. C. *See* Armfield & Patterson

Pelcé, P. & Rochwerger, D. Vibratory instability of cellular flames propagating in tubes, 293–307

Petersen, R. A. & Clough, R. C. The influence of higher harmonics on vortex pairing in an axisymmetric mixing layer, 81–98

Proctor, M. R. E. *See* Knobloch, Proctor & Weiss

Rochwerger, D. *See* Pelcé & Rochwerger

Saville, D. A. *See* Vizika & Saville

Schubert, G. *See* Bercovici, Schubert & Glatzmaier

Smith, R. & Walton, I. A Burgers concentration dispersion equation, 65–80

Sneyd, A. D. *See* Galpin, Fautrelle & Sneyd

Tarbell, J. M. *See* Wang & Tarbell

Taylor, J. R. The energetics of breaking events in a resonantly forced internal wave field, 309–340

Thomas, M. D. The nonlinear stability of flows over compliant walls, 657–670

Veronis, G. *See* Howard & Veronis

Vittori, G. & Blondeaux, P. Sand ripples under sea waves. Part 3. Brick-pattern ripple formation, 23–45

Vizika, O. & Saville, D. A. The electrohydrodynamic deformation of drops suspended in liquids in steady and oscillatory electric fields, 1–21

Walton, I. *See* Smith & Walton

Wang, D. M. & Tarbell, J. M. Nonlinear analysis of flow in an elastic tube (artery): steady streaming effects, 341–358

Weiss, N. O. *See* Knobloch, Proctor & Weiss

Wood, H. G. & Babarsky, R. Analysis of a rapidly rotating gas in a pie-shaped cylinder, 249–271

Woods, A. W. Melting and dissolving, 429–448

Yao, J. *See* Lundgren, Yao & Mansour