

INDEX

- Afanasyev, Ya. D.** *See Voropayev & Afanasyev*
- Antonia, R. A., Teitel, M., Kim, J. & Browne, L. W. B.** Low-Reynolds-number effects in a fully developed turbulent channel flow, 579–605
- Bankoff, S. G.** *See Reisfeld & Bankoff*
- Boudinet, P.** *See Fermigier, Limat, Wesfreid, Boudinet & Quilliet*
- Bowen, J. D. & Stolzenbach, K. D.** The concentration distribution near a continuous point source in steady homogeneous shear, 95–110
- Browne, L. W. B.** *See Antonia, Teitel, Kim & Browne*
- Chaves, H.** *See Kurschat, Chaves & Meier*
- Coutanceau, M.** *See Hellou & Coutanceau*
- Davis, R. H. & Hill, N. A.** Hydrodynamic diffusion of a sphere sedimenting through a dilute suspension of neutrally buoyant spheres, 513–533
- Dresselhaus, E. & Tabor, M.** The kinematics of stretching and alignment of material elements in general flow fields, 415–444
- Duin, C. A. van & Janssen, P. A. E. M.** An analytic model of the generation of surface gravity waves by turbulent air flow, 197–215
- Eaton, J. K.** *See Longmire & Eaton*
- Fermigier, M., Limat, L., Wesfreid, J. E., Boudinet, P. & Quilliet, C.** Two-dimensional patterns in Rayleigh–Taylor instability of a thin layer, 349–383
- Forth, S. A. & Wheeler, A. A.** Coupled convective and morphological instability in a simple model of the solidification of a binary alloy, including a shear flow, 61–94
- Fung, J. C. H., Hunt, J. C. R., Malik, N. A. & Perkins, R. J.** Kinematic simulation of homogeneous turbulence by unsteady random Fourier modes, 281–318
- Grace, J. R.** *See Homsy, Jackson & Grace*
- Hajj, M. R., Miksad, R. W. & Powers, E. J.** Subharmonic growth by parametric resonance, 385–413
- Hayashi, Y.-Y.** *See Takehiro & Hayashi*
- Hellou, M. & Coutanceau, M.** Cellular Stokes flow induced by rotation of a cylinder in a closed channel, 557–577
- Hewitt, G. F. & Jayanti, S.** Prediction of film inversion in two-phase flow in coiled tubes, 497–511
- Hill, N. A.** *See Davis & Hill*
- Homsy, G. M., Jackson, R. & Grace, J. R.** Report of a Symposium on Mechanics of Fluidized Beds, 477–495
- Hultgren, L. S.** Nonlinear spatial equilibration of an externally excited instability wave in a free shear layer, 635–664
- Hunt, J. C. R.** *See Fung, Hunt, Malik & Perkins*
- Jackson, R.** *See Homsy, Jackson & Grace*
- Janssen, P. A. E. M.** *See Duin & Janssen*
- Jayanti, S.** *See Hewitt & Jayanti*
- Kim, J.** *See Antonia, Teitel, Kim & Browne*

- Koseff, J. R.** *See* Schladow, Thomas & Koseff
- Kreiman, K. D.** *See* Zilitinkevich, Kreiman & Terzhevik
- Kurschat, Th., Chaves, H. & Meier, G. E. A.** Complete adiabatic evaporation of highly superheated liquid jets, 43–59
- Kusch, H. A. & Ottino, J. M.** Experiments on mixing in continuous chaotic flows, 319–348
- Limat, L.** *See* Fermigier, Limat, Wesfreid, Boudinet & Quilliet
- Longmire, E. K. & Eaton, J. K.** Structure of a particle-laden round jet, 217–257
- Lugt, H. J. & Ohring, S.** The oblique ascent of a viscous vortex pair toward a free surface, 461–476
- Malik, N. A.** *See* Fung, Hunt, Malik & Perkins
- Meier, G. E. A.** *See* Kurschat, Chaves & Meier
- Miksad, R. W.** *See* Hajj, Miksad & Powers
- Nakamura, Y.** *See* Ohya, Nakamura, Ozono, Tsuruta & Nakayama
- Nakayama, R.** *See* Ohya, Nakamura, Ozono, Tsuruta & Nakayama
- Ohring, S.** *See* Lugt & Ohring
- Ohya, Y., Nakamura, Y., Ozono, S., Tsuruta, H. & Nakayama, R.** A numerical study of vortex shedding from flat plates with square leading and trailing edges, 445–460
- Ottino, J. M.** *See* Kusch & Ottino
- Ozono, S.** *See* Ohya, Nakamura, Ozono, Tsuruta & Nakayama
- Panaras, A. G.** Numerical investigation of the high-speed conical flow past a sharp fin, 607–633
- Perkins, R. J.** *See* Fung, Hunt, Malik & Perkins
- Powers, E. J.** *See* Hajj, Miksad & Powers
- Quilliet, C.** *See* Fermigier, Limat, Wesfreid, Boudinet & Quilliet
- Reisfeld, B. & Bankoff, S. G.** Non-isothermal flow of a liquid film on a horizontal cylinder, 167–196
- Ryrie, S. C.** Mixing by chaotic advection in a class of spatially periodic flows, 1–26
- Schladow, S. G., Thomas, E. & Koseff, J. R.** The dynamics of intrusions into a thermohaline stratification, 127–165
- Sneyd, A. D.** Interfacial instabilities in aluminium reduction cells, 111–126
- Stolzenbach, K. D.** *See* Bowen & Stolzenbach
- Tabor, M.** *See* Dresselhaus & Tabor
- Takehiro, S. & Hayashi, Y.-Y.** Over-reflection and shear instability in a shallow-water model, 259–279
- Teitel, M.** *See* Antonia, Teitel, Kim & Browne
- Terzhevik, A. Yu.** *See* Zilitinkevich, Kreiman & Terzhevik
- Thomas, E.** *See* Schladow, Thomas & Koseff
- Tsuruta, H.** *See* Ohya, Nakamura, Ozono, Tsuruta & Nakayama
- Voropayev, S. I. & Afanasyev, Ya. D.** Two-dimensional vortex-dipole interactions in a stratified fluid, 665–689
- Wesfreid, J. E.** *See* Fermigier, Limat, Wesfreid, Boudinet & Quilliet
- Wheeler, A. A.** *See* Forth & Wheeler
- Zhang, K.** Spiralling columnar convection in rapidly rotating spherical fluid shells, 535–556
- Zilitinkevich, S. S., Kreiman, K. D. & Terzhevik, A. Yu.** The thermal bar, 27–42