

## INDEX

- Agnon, Y. & Mei, C. C.** Trapping and resonance of long shelf waves due to groups of short waves, 201–221
- Auzerais, F. M., Jackson, R. & Russel, W. B.** The resolution of shocks and the effects of compressible sediments in transient settling, 437–462
- Bankoff, S. G.** *See* Burelbach, Bankoff & Davis
- Benjamin, T. B. & Mullin, T.** Buckling instabilities in layers of viscous liquid subjected to shearing, 523–540
- Berger, S. A.** *See* Hamakiotes & Berger
- Bossis, G.** *See* Brady, Phillips, Lester & Bossis
- Brady, J. F., Phillips, R. J., Lester, J. C. & Bossis, G.** Dynamic simulation of hydrodynamically interacting suspensions, 257–280
- Burelbach, J. P., Bankoff, S. G. & Davis, S. H.** Nonlinear stability of evaporating/condensing liquid films, 463–494
- Cheng, H. K.** *See* Hefazi & Cheng
- Davis, S. H.** *See* Burelbach, Bankoff & Davis
- Fernández de la Mora, J. & Riesco-Chueca, P.** Aerodynamic focusing of particles in a carrier gas, 1–21
- Ffowcs Williams, J. E. & Guo, Y. P.** Sound generated from the interruption of a steady flow by a supersonically moving aerofoil, 113–135
- Grappin, R., Leorat, J. & Londrillo, P.** Onset and development of turbulence in two-dimensional periodic shear flows, 239–256
- Guo, Y. P.** *See* Ffowcs Williams & Guo
- Hamakiotes, C. C. & Berger, S. A.** Fully developed pulsatile flow in a curved pipe, 23–55
- Hefazi, H. T. & Cheng, H. K.** The evolution of cyclonic disturbances and lee waves over a topography in a rapidly rotating, stratified flow, 57–76
- Helland, K. N.** *See* Rohr, Itsweire, Helland & Van Atta
- Henry, D. & Roux, B.** Soret separation in a quasi-vertical cylinder, 175–200
- Hill, N. A.** *See* Pedley, Hill & Kessler
- Itsweire, E. C.** *See* Rohr, Itsweire, Helland & Van Atta
- Jackson, R.** *See* Auzerais, Jackson & Russel
- Kessler, J. O.** *See* Pedley, Hill & Kessler
- Lemonnier, H. & Rowe, A.** Another approach in modelling cavitating flows, 557–580
- Leorat, J.** *See* Grappin, Leorat & Londrillo
- Lester, J. C.** *See* Brady, Phillips, Lester & Bossis
- List, E. J.** *See* Papanicolaou & List
- Londrillo, P.** *See* Grappin, Leorat & Londrillo
- McWilliams, J. C.** *See* Melander, Zabusky & McWilliams
- Mei, C. C.** *See* Agnon & Mei

- Melander, M. V., Zabusky, N. J. & McWilliams, J. C.** Symmetric vortex merger in two dimensions: causes and conditions, 303–340
- Mullin, T.** *See* Benjamin & Mullin
- Nakabayashi, K. & Tsuchida, Y.** Modulated and unmodulated travelling azimuthal waves on the toroidal vortices in a spherical Couette system, 495–522
- Papanicolaou, P. N. & List, E. J.** Investigations of round vertical turbulent buoyant jets, 341–391
- Pedley, T. J., Hill, N. A. & Kessler, J. O.** The growth of bioconvection patterns in a uniform suspension of gyrotactic micro-organisms, 223–237
- Peregrine, D. H.** *See* Teles da Silva & Peregrine
- Phillips, R. J.** *See* Brady, Phillips, Lester & Bossis
- Purnama, A.** Boundary retention effects upon contaminant dispersion in parallel flows, 393–412
- Riesco-Chueca, P.** *See* Fernández de la Mora & Riesco-Chueca
- Rohr, J. J., Itsweire, E. C., Helland, K. N. & Van Atta, C. W.** Growth and decay of turbulence in a stably stratified shear flow, 77–111
- Roux, B.** *See* Henry & Roux
- Rowe, A.** *See* Lemonnier & Rowe
- Russel, W. B.** *See* Auzerais, Jackson & Russel
- Smith, R.** Time-dependent releases of solute in parallel flows, 587–595
- Teles da Silva, A. F. & Peregrine, D. H.** Steep, steady surface waves on water of finite depth with constant vorticity, 281–302
- Tsuchida, Y.** *See* Nakabayashi & Tsuchida
- Van Atta, C. W.** *See* Rohr, Itsweire, Helland & Van Atta
- Wang, C. Y.** Drag of a corrugated plate in a rotating fluid, 581–586
- Wang, K. C.** *See* Xu & Wang
- Weisbrot, I.** *See* Wygnanski & Weisbrot
- Weisbrot, I. & Wygnanski, I.** On coherent structures in a highly excited mixing layer, 137–159
- Wygnanski, I.** *See* Weisbrot & Wygnanski
- Wygnanski, I. & Weisbrot, I.** On the pairing process in an excited plane turbulent mixing layer, 161–173
- Xu, W. C. & Wang, K. C.** Unsteady laminar boundary layer along the symmetry plane of an impulsively started prolate spheroid, 413–435
- Yoshizawa, A.** Statistical modelling of passive-scalar diffusion in turbulent shear flows, 541–555
- Zabusky, N. J.** *See* Melander, Zabusky & McWilliams