

INDEX

- Antonopoulos-Domis, M.** Large-eddy simulation of a passive scalar in isotropic turbulence, 55–79
- Barker, S. J. & Gile, D.** Experiments on heat-stabilized laminar boundary layers in water, 139–158
- Cambon, C., Jeandel, D. & Mathieu, J.** Spectral modelling of homogeneous non-isotropic turbulence, 247–262
- Cantwell, B. J.** Transition in the axisymmetric jet, 369–386
- Clark, A. R.** *See* Hussain & Clark
- Corrsin, S.** *See* Tavoularis & Corrsin
- Das, K. P.** *See* Dysthe & Das
- Dysthe, K. B. & Das, K. P.** Coupling between a surface-wave spectrum and an internal wave: modulational interaction, 483–503
- Fenton, J. D.** *See* Rienecker & Fenton
- Frisch, U.** *See* Léorat, Pouquet & Frisch
- Gile, D.** *See* Barker & Gile
- Goldstein, M. E.** The coupling between flow instabilities and incident disturbances at a leading edge, 217–246
- Grosch, C. E.** *See* Salwen & Grosch
- Haren, P. & Mei, C. C.** Head-sea diffraction by a slender raft with application to wave-power absorption, 505–526
- Hussain, A. K. M. F. & Clark, A. R.** On the coherent structure of the axisymmetric mixing layer: a flow-visualization study, 263–294
- Jeandel, D.** *See* Cambon, Jeandel & Mathieu
- Leavitt, R. P.** *See* Morrison, Leavitt & Wortman
- Léorat, J., Pouquet, A. & Frisch, U.** Fully developed MHD turbulence near critical magnetic Reynolds numbers, 419–443
- Lim, T. T.** *See* Perry, Lim & Teh
- Lin, S. P.** Stability of a viscous liquid curtain, 111–118
- Mani, R.** Low-frequency sound propagation in a quasi-one-dimensional flow, 81–92
- Mathieu, J.** *See* Cambon, Jeandel & Mathieu
- Mei, C. C.** *See* Haren & Mei
- Miles, J. W.** Nonlinear Helmholtz oscillations in harbours and coupled basins, 407–418
- Morrison, C. A., Leavitt, R. P. & Wortman, D. E.** The extended Rayleigh theory of the oscillation of liquid droplets, 295–309
- Nakagawa, H. & Nezu, I.** Structure of space-time correlations of bursting phenomena in an open-channel flow, 1–43
- Nezu, I.** *See* Nakagawa & Nezu
- Nilson, R. H.** *See* Romero & Nilson
- Perry, A. E., Lim, T. T. & Teh, E. W.** A visual study of turbulent spots, 387–405
- Phillips, W. R. C.** *See* Pullin & Phillips
- Pouquet, A.** *See* Léorat, Pouquet & Frisch
- Pullin, D. I. & Phillips, W. R. C.** On a generalization of Kaden's problem, 45–53
- Rienecker, M. M. & Fenton, J. D.** A Fourier approximation method for steady water waves, 119–137
- Romero, L. A. & Nilson, R. H.** Shock-like structure of phase-change flow in porous media, 467–482

- Salwen, H. & Grosch, C. E.** The continuous spectrum of the Orr–Sommerfeld equation. Part 2. Eigenfunction expansions, 445–465
- Simon, M. J.** Wave-energy extraction by a submerged cylindrical resonant duct, 159–187
- Tavoularis, S. & Corrsin, S.** Experiments in nearly homogeneous turbulent shear flow with a uniform mean temperature gradient. Part 1, 311–347
- Tavoularis, S. & Corrsin, S.** Experiments in nearly homogeneous turbulent shear flow with a uniform mean temperature gradient. Part 2. The fine structure, 349–367
- Teh, E. W.** *See* Perry, Lim & Teh
- Thomas, J. R.** The absorption of wave energy by a three-dimensional submerged duct, 189–215
- Warhaft, Z.** The use of dual heat injection to infer scalar covariance decay in grid turbulence, 93–109
- Wortman, D. E.** *See* Morrison, Leavitt & Wortman

REVIEWS

- Fundamentals of Maxwell's Kinetic Theory of a Simple Monatomic Gas*, by C. Truesdell and R. G. Muncaster, 527–530
- The Classical Thermodynamics of Deformable Materials*, by A. D. McLellan, 530–531
- Wind Power Principles: Their Applications on the Small Scale*, by N. G. Calvert, 531–532