

INDEX

- Acrivos, A.** *See* Brady & Acrivos
- Beljaars, A. C. M., Krishna Prasad, K. & de Vries, D. A.** A structural model for turbulent exchange in boundary layers, 33-70
- Bliven, L. F.** *See* Huang, Long, Tung, Yuen & Bliven
- Brady, J. F. & Acrivos, A.** Steady flow in a channel or tube with an accelerating surface velocity. An exact solution to the Navier-Stokes equations with reverse flow, 127-150.
- Branover, H., Mestel, A. J. & Shercliff, J. A.** Magneto-hydrodynamic flows and turbulence: a report on the Third Beer-Sheva Seminar, 487-497
- Britter, R. E. & Simpson, J. E.** A note on the structure of the head of an intrusive gravity current, 459-466
- Butler, G.** *See* Koop & Butler
- Chen, C. F.** *See* Thangam, Zebib & Chen
- Craik, A. D. D., Latham, R. C., Fawkes, M. J. & Gribbon, P. W. F.** The circular hydraulic jump, 347-362
- Crawford, D. R., Lake, B. M., Saffman, P. G. and Yuen, H. C.** Effects of nonlinearity and spectral bandwidth on the dispersion relation and component phase speeds of surface gravity waves, 1-32
- de Vries, D. A.** *See* Beljaars, Krishna Prasad & de Vries
- Du Toit, C. G. & Sleath, J. F. A.** Velocity measurements close to rippled beds in oscillatory flow, 71-96
- East, R. A.** *See* Philips, East & Pratt
- Fawkes, M. J.** *See* Craik, Latham, Fawkes & Gribbon
- Gerrard, J. H.** *See* Slaouti & Gerrard
- Gribbon, P. W. F.** *See* Craik, Latham, Fawkes & Gribbon
- Gustavsson, L. H.** Resonant growth of three-dimensional disturbances in plane Poiseuille flow, 253-264
- Hancock, C., Lewis, E. & Moffatt, H. K.** Effects of inertia in forced corner flows, 315-327
- Hemp, J. & Wyatt, D. G.** A basis for comparing the sensitivities of different electromagnetic flowmeters to velocity distribution, 189-201
- Huang, N. E., Long, S. R., Tung, C.-C., Yuen, Y. & Bliven, L.** A unified two-parameter wave spectral model for a general sea state, 203-224
- Hussain, A. K. M. F.** *See* Zaman & Hussain
- Ikeda, S., Parker, G. & Sawai, K.** Bend theory of river meanders. Part 1. Linear development, 363-377
- Kida, S.** A vortex filament moving without change of form, 397-409
- Koop, C. G. & Butler, G.** An investigation of internal solitary waves in a two-fluid system, 225-251
- Krishna Prasad, K.** *See* Beljaars, Krishna Prasad & de Vries
- Lake, B. M.** *See* Crawford, Lake, Saffman & Yuen
- Latham, R. C.** *See* Craik, Latham, Fawkes & Gribbon
- Lewis, E.** *See* Hancock, Lewis & Moffatt
- Lewis, T. S. & Sirovich, L.** Approximate and exact numerical computation of supersonic flow over an airfoil, 265-282
- Lin, S. P. & Roberts, G.** Waves in a viscous liquid curtain, 443-458

- Long, S. R.** *See* Huang, Long, Tung, Yuen & Bliven
- Malcolm, D. G. & Verma, V.** Dynamic response of forced convective heat transfer from hot-film sensors to mercury. Part 2. Experiment, 475-485
- Mestel, A. J.** *See* Branover, Mestel & Shercliff
- Moffatt, H. K.** *See* Hancock, Lewis & Moffatt
- Morris, P. J.** The three-dimensional boundary layer on a rotating helical blade, 283-296
- Mortell, M. P. & Seymour, B. R.** A finite-rate theory of quadratic resonance in a closed tube, 411-431
- Orszag, S. A.** *See* Patera & Orszag
- Parker, G.** *See* Ikeda, Parker & Sawai
- Patera, A. T. & Orszag, S. A.** Finite-amplitude stability of axisymmetric pipe flow, 467-474
- Phlips, P. J., East, R. A. & Pratt, N. H.** An unsteady lifting line theory of flapping wings with application to the forward flight of birds, 97-125
- Pratt, N. H.** *See* Phlips, East & Pratt
- Roberts, G.** *See* Lin & Roberts
- Saffman, P. G.** *See* Crawford, Lake, Saffman & Yuen
- Sano, T.** Unsteady flow past a sphere at low Reynolds number, 433-441
- Sawai, K.** *See* Ikeda, Parker & Sawai
- Seymour, B. R.** *See* Mortell & Seymour
- Shen, C. Y.** The rotating hydraulics of the open-channel flow between two basins, 161-188
- Shercliff, J. A.** *See* Branover, Mestel & Shercliff
- Simpson, J. E.** *See* Britter & Simpson
- Sirovich, L.** *See* Lewis & Sirovich
- Slaouti, A. & Gerrard, J. H.** An experimental investigation of the end effects on the wake of a circular cylinder towed through water at low Reynolds numbers, 297-314
- Sleath, J. F. A.** *See* Du Toit & Sleath
- Tabeling, P.** Magnetohydrodynamic Taylor vortex flows, 329-345
- Thangam, S., Zebib, A. & Chen, C. F.** Transition from shear to sideways diffusive instability in a vertical slot, 151-160
- Tung, C.-C.** *See* Huang, Long, Tung, Yuen & Bliven
- Verma, V.** *See* Malcolm & Verma
- Wyatt, D. G.** *See* Hemp & Wyatt
- Yuen, H. C.** *See* Crawford, Lake, Saffman & Yuen
- Yuen, Y.** *See* Huang, Long, Tung, Yuen & Bliven
- Zaman, K. B. M. Q. & Hussain, A. K. M. F.** Taylor hypothesis and large-scale coherent structures, 379-396
- Zebib, A.** *See* Thangam, Zebib & Chen

REVIEWS

Power from Sea Waves, edited by B. Count, 498-499

Fluid Flow Phenomena in Metals Processing, by J. Szekely, 500-501