INDEX

Bertram, C. D. & Pedley, T. J. Steady and unsteady separation in an approximately two-dimensional indented channel, 315–345

Brachet, M. E., Meiron, D. I., Orszag, S. A., Nickel, B. G., Morf, R. H. & Frisch, U. Small-scale structure of the Taylor–Green vortex, 411–452

de Szoeke, R. A. Baroclinic instability over wavy topography, 279–298

Finnigan, J. J. A streamline coordinate system for distorted two-dimensional flows, 241–258

Frisch, U. *See* Brachet, Meiron, Orszag, Nickel, Morf & Frisch

Getling, A. V. Evolution of two-dimensional disturbances in the Rayleigh–Bénard problem and their preferred wavenumbers, 165–186

Graziani, G. *See* Strani, Piva & Graziani

Hall, P. The linear development of Görtler vortices in growing boundary layers, 41–58

Hanratty, T. J. *See* Nikolaides, Lau & Hanratty

Hatori, M. & Toba, Y. Transition of mechanically generated regular waves to wind waves under the action of wind, 397–409

Ishii, R. & Matsuhisa, H. Steady reflection, absorption and transmission of small disturbances by a screen of dusty gas, 259–277

Jenkins, J. T. & Savage, S. B. A theory for the rapid flow of identical, smooth, nearly elastic, spherical particles, 187–202

Kauzlarich, J. J. *See* Shadday, Ribando & Kauzlarich

Kemp, P. H. & Simons, R. R. The interaction of waves and a turbulent current: waves propagating against the current, 73–89

Komori, S., Ueda, H., Ogino, F. & Mizushina, T. Turbulence structure in stably stratified open-channel flow, 13–16

Kurbatskii, A. F. & Yanenko, N. N. On the modelling of effects of negative production of temperature-fluctuation intensity in the turbulent mixing layer, 453–462

Lau, K. K. *See* Nikolaides, Lau & Hanratty

Matsuhisa, J. *See* Ishii & Matsuhisa

Meiron, D. I. *See* Brachet, Meiron, Orszag, Nickel, Morf & Frisch

Meseguer, J. The breaking of axisymmetric slender liquid bridges, 123–151

Mizushina, T. *See* Komori, Ueda, Ogino & Mizushina

Morf, R. H. *See* Brachet, Meiron, Orszag, Nickel, Morf & Frisch

New, A. L. A class of elliptical free-surface flows, 219–239

Nickel, B. G. *See* Brachet, Meiron, Orszag, Nickel, Morf & Frisch

Nikolaides, C., Lau, K. K. & Hanratty, T. J. A study of the spanwise structure of coherent eddies in the viscous wall region, 91–108

Ogino, F. *See* Komori, Ueda, Ogino & Mizushina

Orszag, S. A. *See* Brachet, Meiron, Orszag, Nickel, Morf & Frisch

Pedley, T. J. *See* Bertram & Pedley

Piva, R. *See* Strani, Piva & Graziani

Renardy, Y. Weakly nonlinear interactions and wave trapping, 27–39

Ribando, R. J. *See* Shadday, Ribando & Kauzlarich

Savage, S. B. *See* Jenkins & Savage

Shadday, M. A., Ribando, R. J. & Kauzlarich, J. J. Flow of an incompressible fluid in a partially filled, rapidly rotating cylinder with a differentially rotating endcap, 203–218

Simons, R. R. *See* Kemp & Simons

Smith, R. The dependence of shoreline contaminant levels upon the siting of an effluent outfall, 153–164

Smith, R. Longitudinal dispersion coefficients for varying channels, 299–314

Speziale, C. G. & Thangam, S. Numerical study of secondary flows and roll-cell instabilities in rotating channel flow, 377–396

Strani, M., Piva, R. & Graziani, G. Thermocapillary convection in a rectangular cavity: asymptotic theory and numerical simulation, 347–376

Strumolo, G. S. Perturbed bifurcation theory for Poiseuille annular flow, 59–72

Thangam, S. *See* Speziale & Thangam

Toba, Y. *See* Hatori & Toba

Ueda, H. *See* Komori, Ueda, Ogino & Mizushina

van Heijst, G. J. F. The shear-layer structure in a rotating fluid near a differentially rotating sidewall, 1–12

Yanenko, N. N. *See* Kurbatskii & Yanenko

Yih, C. Waves in meandering streams, 109–121