

## INDEX

- Barre, S., Quine, C. & Dussauge, J. P.** Compressibility effects on the structure of supersonic mixing layers: experimental results, 47–48
- Blackwelder, R. F.** *See* Myose & Blackwelder
- Bourne, N. K. & Field, J. E.** Cavity collapse in a liquid with solid particles, 149–165
- Carnevale, G. F. & Kloosterziel, R. C.** Emergence and evolution of triangular vortices, 305–331
- Chen, X.-N. & Wei, R.-J.** Dynamic behaviour of a non-propagating soliton under a periodically modulated oscillation, 291–303
- Cleaver, R. P.** *See* Longuet-Higgins, Cleaver & Fox
- Daniels, P. G. & Wang, P.** On the evolution of thermally driven shallow cavity flows, 107–123
- Devenport, W. J. & Smith, E. J.** The diode-array velocimeter, 167–189
- Donovan, J. F., Spina, E. F. & Smits, A. J.** The structure of a supersonic turbulent boundary layer subjected to concave surface curvature, 1–24
- Dussauge, J. P.** *See* Barre, Quine & Dussauge
- Field, J. E.** *See* Bourne & Field
- Fox, M. J. H.** *See* Longuet-Higgins, Cleaver & Fox
- Heijst, G. J. F. van** *See* Velasco Fuentes & Heijst
- Helfrich, K. R.** Thermals with background rotation and stratification, 265–280
- Hirsa, A. & Willmarth, W. W.** Measurements of vortex pair interaction with a clean or contaminated free surface, 25–45
- Hunt, J. C. R.** *See* Sene, Hunt & Thomas
- Kida, S.** *See* Moffatt, Kida & Ohkitani
- Kloosterziel, R. C.** *See* Carnevale & Kloosterziel
- Longuet-Higgins, M. S., Cleaver, R. P. & Fox, M. J. H.** Crest instabilities of gravity waves. Part 2. Matching and asymptotic analysis, 333–344
- Lueptow, R. M.** *See* Wietrzak & Lueptow
- Moffatt, H. K., Kida, S. & Ohkitani, K.** Stretched vortices – the sinews of turbulence; large-Reynolds-number asymptotics, 241–264
- Myose, R. Y. & Blackwelder, R. F.** On the role of the outer region in the turbulent-boundary-layer bursting process, 345–373
- Ohkitani, K.** *See* Moffatt, Kida & Ohkitani
- Quine, C.** *See* Barre, Quine & Dussauge
- Schäffer, H. A.** Edge waves forced by short-wave groups, 125–148
- Sene, K. J., Hunt, J. C. R. & Thomas, N. H.** The role of coherent structures in bubble transport by turbulent shear flows, 219–240
- Smith, E. J.** *See* Devenport & Smith
- Smith, G. B. & Wei, T.** Small-scale structure in colliding off-axis vortex rings, 281–290
- Smits, A. J.** *See* Donovan, Spina & Smits
- Spina, E. F.** *See* Donovan, Spina & Smits

**Thomas, N. H.** *See* Sene, Hunt & Thomas

**Velasco Fuentes, O. U. & Heijst, G. J. F. van** Experimental study of dipolar vortices on a topographic  $\beta$ -plane, 79–106

**Wang, P.** *See* Daniels & Wang

**Wei, R.-J.** *See* Chen & Wei

**Wei, T.** *See* Smith & Wei

**Wietrzak, A. & Lueptow, R. M.** Wall shear stress and velocity in a turbulent axisymmetric boundary layer, 191–218

**Willmarth, W. W.** *See* Hirsa & Willmarth