

455 Unsteady turbulent plume models
M. M. Scase & R. E. Hewitt

S 481 The attraction between a flexible filament and a point vortex
S. Alben

504 Bounds for growth rates for dynamos with shear
M. R. E. Proctor

S indicates supplementary data or movies available online.

- 1 Modelling lateral manoeuvres in fish
K. Singh & T. J. Pedley
- 35 Transient growth associated with continuous spectra of the Batchelor vortex
X. Mao & S. J. Sherwin
- 60 Effects of heat conduction in a wall on thermoacoustic-wave propagation
N. Sugimoto & H. Hyodo
- S 92 Propagation of capillary waves and ejection of small droplets in rapid droplet spreading
H. Ding, E. Q. Li, F. H. Zhang, Y. Sui, P. D. M. Spelt & S. T. Thoroddsen
- 115 Steady streaming and sediment transport at the bottom of sea waves
P. Blondeaux, G. Vittori, A. Bruschi, F. Lalli & V. Pesarino
- 150 Modulation of turbulence in forced convection by temperature-dependent viscosity
F. Zonta, C. Marchioli & A. Soldati
- 175 Turbulence and internal waves in stably-stratified channel flow with temperature-dependent fluid properties
F. Zonta, M. Onorato & A. Soldati
- 204 Energy dissipation rate surrogates in incompressible Navier–Stokes turbulence
S. Almalkie & S. M. de Bruyn Kops
- 237 Transient waves generated by a moving bottom obstacle: a new near-field solution
P. A. Madsen & A. B. Hansen
- 273 Tracking of vortices in a turbulent boundary layer
G. E. Elsinga, C. Poelma, A. Schröder, R. Geisler, F. Scarano & J. Westerweel
- 296 von Kármán self-preservation hypothesis for magnetohydrodynamic turbulence and its consequences for universality
M. Wan, S. Oughton, S. Servidio & W. H. Matthaeus
- 316 Nonlinear impulse of ocean waves on floating bodies
P. D. Sclavounos
- 336 Boundary layers and wind in cylindrical Rayleigh–Bénard cells
S. Wagner, O. Shishkina & C. Wagner
- 367 On least-order flow representations for aerodynamics and aeroacoustics
M. Schlegel, B. R. Noack, P. Jordan, A. Dillmann, E. Gröschen, W. Schröder, M. Wei, J. B. Freund, O. Lehmann & G. Tadmor
- 399 Explicit filtering to obtain grid-spacing-independent and discretization-order-independent large-eddy simulation of compressible single-phase flow
S. Radhakrishnan & J. Bellan
- S 436 Electromigration dispersion in a capillary in the presence of electro-osmotic flow
S. Ghosal & Z. Chen

Contents continued on inside back cover.