



- 1 The making of a splash  
**S. T. Thoroddsen**
- 5 Evolution of the ejecta sheet from the impact of a drop with a deep pool  
**L. V. Zhang, J. Toole, K. Fezzaa & R. D. Deegan**
- 16 Multilayer shallow water equations with complete Coriolis force. Part 2. Linear plane waves  
**A. L. Stewart & P. J. Dellar**
- 51 The orientations of prolate ellipsoids in linear shear flows  
**E. Gavze, M. Pinsky & A. Khain**
- S 94 Bedforms in a turbulent stream: ripples, chevrons and antidunes  
**B. Andreotti, P. Claudin, O. Devauchelle, O. Durán & A. Fourrière**
- 129 Non-local energy transfers in rotating turbulence at intermediate Rossby number  
**L. Bourouiba, D. N. Straub & M. L. Waite**
- 148 The mechanism of a splash on a dry solid surface  
**S. Mandre & M. P. Brenner**
- 173 The onset of unsteadiness of two-dimensional bodies falling or rising freely in a viscous fluid: a linear study  
**P. Assemat, D. Fabre & J. Magnaudet**
- 203 Transition to turbulence in shock-driven mixing: a Mach number study  
**M. Lombardini, D. I. Pullin & D. I. Meiron**
- 227 Settling of a vesicle in the limit of quasispherical shapes  
**G. Boedec, M. Jaeger & M. Leonetti**
- 262 Small-scale dynamo action in rotating compressible convection  
**B. Favier & P. J. Bushby**
- 288 Vortex events in Euler and Navier–Stokes simulations with smooth initial conditions  
**P. Orlandi, S. Pirozzoli & G. F. Carnevale**
- 321 Boundary-layer-separation-driven vortex shedding beneath internal solitary waves of depression  
**P. Aghsaee, L. Boegman, P. J. Diamessis & K. G. Lamb**
- 345 New oscillatory instability of a confined cylinder in a flow below the vortex shedding threshold  
**B. Semin, A. Decoene, J.-P. Hulin, M. L. M. François & H. Auradou**
- 366 Induced flow due to blowing and suction flow control: an analysis of transpiration  
**J. D. Woodcock, J. E. Sader & I. Marusic**
- 399 Eigenmodes of lined flow ducts with rigid splices  
**E. J. Brambley, A. M. J. Davis & N. Peake**
- 426 Bolgiano scale in confined Rayleigh–Taylor turbulence  
**G. Boffetta, F. De Lillo, A. Mazzino & S. Musacchio**
- 441 The effects of viscosity on sound radiation near solid surfaces  
**C. L. Morfey, S. V. Sorokin & G. Gabard**
- 461 Effects of body elasticity on stability of underwater locomotion  
**F. Jing & E. Kanso**
- S 474 A study of two-fluid model equations  
**K. Ueyama**
- 499 Grainsize dynamics of polydisperse granular segregation down inclined planes  
**B. Marks, P. Rognon & I. Einav**
- 512 Binary collisions of drops of immiscible liquids  
**I. V. Roisman, C. Planchette, E. Lorenceau & G. Brenn**
- 536 Aerofoil tones at moderate Reynolds number  
**C. K. W. Tam & H. Ju**
- S 571 Stratified flows with vertical layering of density: experimental and theoretical study of flow configurations and their stability  
**R. Camassa, R. M. McLaughlin, M. N. J. Moore & K. Yu**

S indicates supplementary data or movies available online.