

- Roshko, A. 1976 Structure of turbulent shear flows: A new look. *A.I.A.A. Journal* **14**, 1349-1357.
- Brown, G.L. and Roshko, A. 1974 On density effects and large structure in turbulent mixing layers. *J. Fluid Mech.* **64**, 775-816.
- Thorpe, S. A. 1971 Experiments on the instability of stratified shear flows: miscible fluids. *J. Fluid Mech.* **46**, 299-319.
- Winant, C. D. and Browand, F.K. 1974 Vortex pairing: The mechanism of turbulent mixing layer growth at moderate Reynolds number. *J. Fluid Mech.* **63**, 237-255.
- Flament, P., Lumpkin, R., Tournadre, J., and Armi, L. 2001 Vortex pairing in an unstable anticyclonic shear flow: discrete subharmonics on one pendulum day. *J. Fluid Mech.* **440**, 401-409.
- Corcos, G.M. and Sherman, F.S. 1984 The mixing layer: Deterministic models of a turbulent flow. Part 1. Introduction and the two-dimensional flow. *J. Fluid Mech.* **139**, 29-65.
- Munk, W., Armi, L., Fischer, K. and Zachariasen, F., 2000. Spirals on the sea. *Proc. Roy. Soc. Lond. A*, **456**, 1217-1280.
- Bernal, L.P. and Roshko, A. 1986 Streamwise vortex structure in plane mixing layers. *J. Fluid Mech.* **170**, 499-525.
- Lasheras, J.C. and Choi, H. 1988 Three-dimensional instability of a plane, free shear layer: An experimental study of the formation and evolution of streamwise vortices. *J. Fluid Mech.* **189**, 53-86.
- Stewart, R.W. 1972 Turbulence, 16mm sound film and accompanying text in *Illustrated Experiments in Fluid Mechanics*, p. 82-88. The National Committee for Fluid Mechanics Film Notes. Based on material in films produced under direction of the National Committee for Fluid Mechanics, MIT Press.
- Browand, F.K. and Troutt, T.R. 1980 A note on spanwise structure in the two-dimensional mixing layer. *J. Fluid Mech.* **917**, 771-781.
- Koop, C.G. and Browand, F.K. 1978 Instability and turbulence in a stratified fluid with shear. *J. Fluid Mech.* **93**, 135-159.
- Pawlak, G. and Armi, L., 1998 Vortex dynamics in a spatially accelerating shear layer. *J. Fluid Mech.*, **376**, 1-35.
- Tennekes, H. and Lumley, J.L. 1972 *A First Course in Turbulence*, Chapters 1 & 2, 1-58, MIT Press.
- Armi, L. and Flament, P. 1985 Cautionary remarks on the spectral interpretation of turbulent flows. *J. Geophys. Res.* **90**, 11,779-11,782.

- Turner, J.S. 1973 *Buoyancy Effects in Fluids*, Chapter 9, 288-312, Cambridge University Press.
- Crapper, P.F. and Linden, P.F. 1974 The structure of turbulent density interfaces. *J. Fluid Mech.* **65**, 45-63.
- Baines, W.D. 1975 Entrainment by a plume or jet at a density interface. *J. Fluid Mech.* **68**, 309-320.
- Head, M.R. and Bandyopadhyay, P. 1981 New aspects of turbulent boundary-layer structure. *J. Fluid Mech.* **107**, 297-338.
- Millikan, C.B. 1938 A critical discussion of turbulent flow in channels and circular tubes. *Proc. Fifth Int'l. Congress on Applied Mech.* (Cambridge, MA 1938) 386-392. Wiley, New York.
- Tennekes, H. 1973 Similarity laws and scale relations in planetary boundary layers, chapter 5, 177-216, *Workshop on Micrometeorology*, D.A. Haugen, Ed., American Met. Society.
- Etling, D. and Brown, R. A. 1993 Roll Vortices in the planetary boundary layer: A review. *Boundary-Layer Meteorology*, **65**, 215-248.
- Townsend, A.A. 1957 Turbulent flow in a stably stratified atmosphere. *J. Fluid Mech.* **3**, 361-372.
- Taylor, G.I. 1953 Dispersion of soluble matter in solvent flowing slowly through a tube. *Proc. Royal Society, A*, **219**, 186-203.
- Taylor, G.I. 1954 The dispersion of matter in turbulent flow through a pipe. *Proc. Royal Society, A*, **223**, 446-468.
- Munk, W.H. 1966 Abyssal recipes. *Deep-Sea Res.* **13**, 707-730.
- Armi, L. and Stommel, H. 1983 Four views of a portion of a North Atlantic subtropical gyre. *J. Physical Oceanography* **13**, 828-857.
- Armi, L., Hebert, D., Oakey, N., Price J., Richardson, P., Rossby, T. and Ruddick, B., 1989. Two years in the life of a Mediterranean salt lens. *J. Phys. Oceanography*, **19**, 354-370.