

References

- Allan, J.F. (1957). *The New N.P.L. Ship Hydrodynamics Laboratory*. Trans. Instn. Nav. Arch., **99**.
- Bernier, R. (1981). *Unsteady two-phase flow instrumentation and measurement*. Ph.D. Thesis, California Institute of Technology, Pasadena, California.
- Bernier, R., and Brennen, C.E. (1983). Use of the electromagnetic flowmeter in a two-phase flow. Int. J. Multiphase Flow, **9**, No.1, 251-257.
- Bhattacharyya, A., Acosta, A.J., Brennen, C.E., and Caughey, T.K. (1993). Observations on off-design flows in non-cavitating inducers. *Proc. ASME Symp. on Pumping Machinery - 1993*, **FED-154**, 135-141.
- Brown, F.B. (1949). *Air Resorption in Water Tunnels*. Hydrodynamics Lab., Calif. Inst. Tech. Rept. N-62.
- Ceccio, S.L. and Brennen, C.E. (1991). Observations of the dynamics and acoustics of travelling bubble cavitation. *J. Fluid Mech.*, **233**, 633660. *Corrigenda*, **240**, 686.
- Cimorelli, L. & Evangelisti, R. (1967). *The application of the capacitance method for void fraction measurement in bulk boiling conditions*. Int. J. Heat Mass Transfer, **10**, 277-288.
- Cimorelli, L. & Evangelisti, R. (1969). *Experimental determination of the slip ratio in a vertical boiling channel, under adiabatic conditions at atmospheric pressure*. Int. J. Heat Mass Transfer, **12**, 713-726.
- Cushing, V. (1958). *Induction flowmeter*. Rev. Soc. Instrum. **29**, 692-697.
- Emerson, A. and Berry, L.W. (1946-7). *The Lithgow Propeller Water Tunnel*. Trans. Instn. Engrs. Shipb. Scot., **90**, 1946-47, p. 502.
- Guo, S.M., Jones, T.V., Lock, G.D., Lai, C.C., Oldfield, M.L.G., and Rawlinson, A.J. (2000). ASME Paper, 2000-GT-0204.
- Heineman, J.B., Marcheterre, J.F. & Mehta, S. (1963). *Electromagnetic flow-meters for void fraction measurement in two-phase metal flow*. Rev. Sci. Instrum. **34**, 399-401.
- Holmes, B.J., Gall, P.D., Croom, C.C., Manuel, G.S. and Kelliher, W.C. (1986). A new method for laminar boundary layer transition visualization in flight - color changes in liquid crystal coatings. NASA TM-87666.
- Hori, M., Kobori, T. & Ouchi, V. (1966). *Method for measuring void fraction by electromagnetic flowmeters*. JAERI-1111.
- Hornung, H.G. (2006). *Dimensional analysis*. Dover Publ. Inc.
- Ireland, P.T. and Jones, T.V. (2000). *Liquid crystal measurements of heat transfer and surface shear stress*. Meas. Sci. Tech., **11**, 969-986.
- Jones, O.C. Jr. & Delhaye, J.-M. (1976). *Transient and statistical measurement techniques for two-phase flows: A critical review*. Int. J. Multiphase Flow, **3**, 89-113.
- Knapp, R.T., Levy, J., O'Neill, J.P. and Brown, F.B. (1948). *The Hydrodynamics Laboratory of the California Institute of Technology*. Trans. Amer. Soc. Mech. Engrs., **70**, 437.

- Medwin, H. (1977). In situ acoustic measurements of microbubbles at sea. *J. Geophys. Res.*, **82**, No.6, 921976.
- Ng, S.L. and Brennen, C.E. (1978). Experiments on the dynamic behavior of cavitating pumps. *ASME J. Fluids Eng.*, **100**, No.2, 166176.
- Olsen, H.O. (1967). *Theoretical and experimental investigation of impedance void meters*. Institutt for Atomenergi, Kjeller Res. Est., Norway.
- Orbeck, I. (1962). *Impedance void meter*. Institutt for Atomenergi, Kjeller Res. Est., Norway.
- Papoulis, A. (1965). *Probability, random variables and stochastic processes*. McGraw-Hill.
- Peterson, F.B., Danel, F., Keller, A.P., and Lecoffre, Y. (1975). Determination of bubble and particulate spectra and number density in a water tunnel with three optical techniques. *Proc. 14th Int. Towing Tank Conf., Ottawa*, **2**, 2752.
- Samimy, M.; Breuer, K. S.; Leal, L. G.; Steen, P. H. (2004). *A gallery of fluid motion*. Cambridge University Press. ISBN 0-521-82773-6.
- Shercliff, J.A. (1962). *The theory of electro-magnetic flow measurement*. Cambridge Univ. Press.
- Silverleaf, A. (1960). *Basic design of the N.P.L. No.2 Water Tunnel*. N.P.L Ship Division Rept. No. 15.
- Silverleaf, A. (1958). *The Design of a Resorber for a Water Tunnel*. N.P.L. Ship Division Rept. No. 1.
- Smits, A. J.; Lim, T. T. (2000). *Flow visualization: Techniques and examples*. Imperial College Press. ISBN 1-86094-193-1.
- Van Dyke, M. (1982). *An album of fluid motion*. Stanford, CA: Parabolic Press. ISBN 0-915760-03-7.
- Werle, H. and Gallon, M. (1972). *Aeronaut. Astronaut.*, No. 34, 21-33.