

6.เอกสารอ้างอิง

- 6.1 Chow, V.T. Open-Channel Hydraulics. McGraw-Hill, NY, 1959
- 6.2 Liggett, J.A. Intermediate Fluid Mechanics. McGraw-Hill, NY, 1994
- 6.3 Chain, V. <http://www.Holomap.com>
- 6.4 Barrick, D.E., Teague, C.C., Lilleboe, P., and Cheng, R.T., 2003, Profiling river surface velocity and volume estimation with bistatic UHF RiverSonde radar, *in* Proceedings of 7th Working Conf. on Current Measurement Technology, IEEE, San Diego, California, March 13-15, 2003, p. 55-59.
- 6.5 Cheng, R.T., Costa, J.E., Haeni, F.P., Melcher, N.B., and Thurman, E.M., 2002, *In search of technologies for monitoring river discharge*, *in* Younos, Tamin, ed., Advances in Water Monitoring Research, Water Resources Publication, p. 203-219.
- 6.6 Cheng, R.T., Gartne, J.W., Mason, R.R., Jr., Costa, J.E., Plant, W.J., Spicer, K.R., Haeni, F.P., Melcher, N.B., Keller, W.C., and Hayes, Ken, 2004, *Evaluating a radar-based, non contact streamflow measurement system in the San Joaquin River at Vernalis, California*: U.S. Geological Survey Water Resources Open File Report 2004-1015, <http://pubs.usgs.gov/of/2004/1015/>
- 6.7 Costa, J.E., Cheng, R.T., Haeni, F.P., Melcher, N., Spicer, K.R., Hayes, E., Plant, W., Hayes, K., Teague, C., and Barrick, D., 2006, *Use of radars to monitor stream discharge by noncontact methods*, Water Resources Research, 42, W07422, doi:10.1029/2005WR004430.
- 6.8 Costa, J.E., Spicer, K.R., Cheng, R.T., Haeni, F.P., Melcher, N.B., Thurman, E.M., Plant, W.J., and Keller, W.C., 2000, *Measuring stream discharge by non-contact methods--a proof-of-concept experiment*: Geophys. Res. Let., v. 27, no. 4, p. 553-556.
- 6.9 Haeni, F.P., Buursink, M.L., Costa, J.L., Melcher, N.B., Cheng, R.T., and Plant, W.J., 2000, *Ground-Penetrating RADAR Methods Used in Surface-Water Discharge Measurements*, *in* Noon, David A., Stickley, Glen F., and Longstaff, Dennis, ed., GPR 2000 - Proceedings of the Eighth International Conference on Ground Penetrating Radar: University of Queensland, Queensland, Australia, p.494-500.

6.10 Melcher, N.B., Cheng, R.T., And Haeni, F.P., 1999, *Investigating technologies to monitor open-channel discharge by direct measurement of cross-sectional area and velocity of flow*, in Hydraulic Engineering for Sustainable Water Resources Management at the Turn of the Millennium: Graz, Austria, Technical University Graz, Institute for Hydraulic and Hydrology XXVIII International Association of Hydraulic Research Congress, August, 22-27, 1999, Paper No. 181, 6 p.

6.11 Melcher, N.B., Costa, J.E., Cheng, R.T., Thurman, E.M., And Haeni, F.P., 2000, *Use of radar for making noncontact river-discharge measurements* [abs.], in Arizona Hydrological Society 13th Annual Symposium, Phoenix, Arizona, September 20-23, 2000, p. 63-64.

6.12 Melcher, N.B., Costa, J.E., Haeni, F.P., Cheng, R.T., Thurman, E.M., Buursink, M., Spicer, K.R., Hayes, E., Plant, W.J., Keller, W.C., and Hayes, K., 2002, *River discharge measurements by using helicopter-mounted radar*, Geophys. Res. Lett., 29(22), 2084, doi:10.1029/2002 GL015525

6.13 Drain, L.E., 1980. The Laser Doppler Technique, John Wiley Press, USA.

6.14 Durst, F., Melling, A., & Whitelaw, J.H., 1976. Principles and practice of laser Doppler anemometry. Academic Press, London.

6.15 Durrani, T.S., and Greated, C.A., 1977. Laser Systems for Flow Measurement, Plenum, New York.

6.16 Strunck V, Sodomann T, Muller H and Dopheide D., 2004 *How to get spatial resolution inside probe volumes of commercial 3D LDA systems*. Experiments in Fluids 36 141-145.

6.17 Yeh, Y. & Cummins, H., 1964. *Localised fluid flows measurements with a He-Ne laser spectrometer*. Appl. Phys. Lett., 4, pp. 176-178.

6.18 Grant, I., 1997. Particle image velocimetry: a review, Proc. Instn. Mech. Engrs. Vol 211, Part C, pp.55-76.