

參考文獻

1. 王如意、何興亞(1984)，「溪流系統中匯流與分流水理分析及模型試驗之研究—花蓮嘉農溪個案研究(一)」，國立台灣大學水工實驗所，研究報告第69號報告，台北。
2. 王燦汶、徐年盛、賴經都、林永祥(1997)，「感潮河段防洪措施檢討(二)」，國立台灣大學水工試驗所，研究報告第267號，台北。
3. 伍勝園(1985)，「等寬明渠直角匯流段水理分析」，國立成功大學碩士論文。
4. 伍勝園、蔡長泰、顏沛華(1985)，「等寬明渠直角匯流段水理分析」，中國農業工程學第三十一卷第四期，40-55頁。
5. 何泰亦(2003)，「非等寬45度分流研究」，私立淡江大學水資源及環境工程研究所碩士論文。
6. 李顯掌(1992)，「多方式法非均勻質輸砂模式之研究」，國立交通大學土木工程研究所碩士論文。
7. 李國裕(2002)，「一維有限解析法模式於明渠合分流之研究」，國立交通大學土木工程研究所碩士論文。
8. 李環宇(2003)，「多方式特性法模式於非平衡動床渠道之研究」，國立交通大學土木工程研究所碩士論文。
9. 李豐佐(2001)，「一維顯示有限解析法模式於交匯渠流之研究」，國立交通大學土木工程研究所碩士論文。
10. 吳翰評(2001)，「亞臨界明渠匯流研究」，私立淡江大學水資源及環境工程研究所碩士論文。
11. 吳豐帥、許中杰(1992)，「直交匯流二維流場之研究」，第六屆水利工程研討會論文集，新竹，136-148頁。
12. 吳豐帥(1994)，「亞臨界交匯渠流之研究」，淡江大學環境工程研

- 究所博士論文。
13. 徐碧治(1987),「明渠直角匯流段水理分析」,國立成功大學碩士論文。
 14. 陳仕哲(2003),「顯示有限解析法模式應用於河川水系之研究」,國立交通大學土木工程研究所碩士論文。
 15. 陳振華(1996),「多方式特性法應用於非均勻質河床沖淤之研究」,國立交通大學土木工程研究所碩士論文。
 16. 清水康行、板倉忠興(1986),「沖積河川二維性流況及河床變動計算」,北海道開發局土木試驗所,河川研究室,土木試驗所第 85 號報告。
 17. 張正熙(1995),「亞臨界交匯明渠流之研究」,私立淡江大學水資源及環境工程研究所碩士論文。
 18. 許中杰、巫唐宏(1990),「深度平均二維性正交側入流明渠流數值模式」,第五屆水利工程研討會,319-328 頁。
 19. 許至聰(2002),「二維有限解析法明渠水理與輸砂模式之研發與應用」,國立交通大學土木工程研究所博士論文。
 20. 翁志偉(2002),「輸砂公式對多方式特性法數值模擬之影響」,國立交通大學土木工程研究所碩士論文。
 21. 樊運成(1998),「非等寬直交分流研究」,私立淡江大學水資源及環境工程研究所碩士論文。
 22. 蔡長泰、顏沛華、徐勝勇(1990),「明渠直角匯流流場之實驗分析」,土木水利,第十六卷,第二期,3-26 頁。
 23. Best, J. L. and Reid, I. (1984), "Separation zone at open channel junctions." *Journal of Hydraulic Engineering*, ASCE, Vol. 110, No. 11, 1588-1594.
 24. Chang, F. F. M., and Richard, D. L. (1971), "Deposition of sediment

- in transient flow.” J. Hydr. Div., 97(6), 837-849.
25. Cunge, J. A., Holly F. M., and Verwey A. (1980), “Practical Aspects of Computational River Hydraulics.” Pitman Publishing Pty Ltd, Melbourne, 109-112.
 26. Grance, J. L., and Priest, M. S. (1958), “Division of flow in open channel junctions.” Bulletin No. 31, Engineering Experiment Station, Alabama Polytechnic Institute.
 27. Hager, W. H., Kasthuri, B., and Pundarikanthan, N. V. (1984), Discussion of “Separation zone at open channel junction.” Journal of Hydraulic Engineering, ASCE, Vol. 110, No. 11, 539-548.
 28. Hager, W. H. (1989), “Transition flow in channel junctions.” Journal of Hydraulic Engineering, ASCE, Vol. 115, No. 2, 243-259.
 29. Hager, W. H., (1990), “An approximate treatment of flow in branches and bends.” Proc., Institution of Mathematical Engineers, 198C(4), 63-69.
 30. Hsu, C. C., Wu, F. S., and Lee, W. J. (1998), “Flow at 90° equal-width open channel junction.” Journal of Hydraulic Engineering, ASCE, Vol. 124, No. 2, 186-191.
 31. Ingle, R. N. and Mahankal, A. M. (1990), “Discussion of ‘Division of Flow in Short Open Channel Brancher.’” by A. S. Ramamurthy and M. G. Satish.” J. Hydr. Engrg. , ASCE, 116(2), 289-291.
 32. Khan, A. A., Cadavid, R. and Wang, S. S.-Y. (2000), “Simulation of channel confluence and bifurcation using the CCHE2D model.” Proc. Inst. Civ. Engrs Water & Mar. Engng, 142, June, 97-102.
 33. Kumar, G. S., Karki, K. S., and Hager, W. H. (1997), “Subcritical junction flow.” Journal of Hydraulic Engineering, ASCE, 123, No. 5, 447-445.
 34. Lai, C. (1991). “Modeling alluvial-channel flow by multimode characteristics method.” J. Eng. Mech., 117, 32-53

35. Lai, C. (1994). "Multicomponent-flow analyses by multimode method of characteristics." *Jour. of Hydraulic Engrg., ASCE*, v. 200, No 3, 375-395.
36. Lin, J. D. and Soong, H. K. (1979), "Junction losses in open channel flows." *Water Resources Research, American Geophysical Union*, 15, No. 2, 414-418.
37. Law, S. W. (1965), "Dividing flow in open channel." Thesis presented to McGill University, at Montreal, Quebec, Canada, in partial fulfillment of the requirements for the degree of Master of Engineering.
38. Lakshmana Rao, N. S., and Sridharan, L. (1966), "Discussion of dividing flow in an open channel. " *J. Hydr. Div., ASCE*, 94(HY6), 237-239..
39. Massau, J. (1889), "L'integration graphique, and Appendice au memoire sur l'ontegration graphique." *Assoc. des Ingenieurs sortis des Ecoles Speciales de Gand, Belgium, Annales*, Vol. 12, pp. 185-444.
40. McGuirk, J. J. and Rodi, W., (1978), "A depth-averaged mathematical model for the near field of side discharge into open channel flow." *J. of Fluid Mechanics*, Vol. 86, part 4, 761-781.
41. Modi, P. N., Ariel, P. D., and Dandekar, M. M. (1981), "Conformal mapping for channel junction flow." *Journal of Hydraulic Engineering, ASCE*, Vol. 107, No. 12, 1713-1733.
42. Neary, V. S. and Odgaard, A. J. (1993), "Three dimensional flow structure at open channel diversions." *J. Hydr. Engrg. , ASCE*, 119(11), 1223-1230.
43. Pavlovic, R. N., Kapor, R., and Djuric, M., (1984), "Application of the body fitted coordinates for calculation of elliptic flows." In *Hydrosoft* (Ed. by Brebbia C. A., Maksimovic C., and Radojkovic

- M.), 3.15-28, Proceedings of the 1st Int. Conf. On Hydraulic Engineering Software, Portoroz, Yugoslavia.
44. Ramamurthy, A. S. and Satish, M. G. (1988), "Division of flow in short open channel branches." *Journal of Hydraulic Engineering*, ASCE, 114, No. 4, 428-438.
 45. Ramamurthy, A. S., Carballada, L. B., and Due, M. T. (1988), "Combing open channel flow at right angled junctions." *Journal of Hydraulic Engineering*, ASCE, Vol. 114, No. 12, 1449-1460.
 46. Ramamurthy, A. S., Tran, D. M., and Carballada, L. B. (1990), "Dividing flow in open channels." *Journal of Hydraulic Engineering*, ASCE, 116, No. 3, 449-455.
 47. Schmitz, F., and Edenhofer, J. (1983), "Flood routing in the Danube River by the new implicit method of characteristics(IMOC)." *Proc. 3rd Int. Conf. On Applied Mathematical Modeling*, *Mitteil., Inst. Fur Meereskunde, University of Hamburg, FRG*, 1-13.
 48. Shabayek, S., Steffler, P., and Hicks, F. (2002), "Dynamic model for subcritical combining flows in channel junctions." *Journal of Hydraulic Engineering*, ASCE, Vol. 128, No. 9, 821-828.
 49. Soliman, M. M. (1977), "The hydraulic characteristics of river confluences" *Trans., ASCE*, Vol. 109, 893-912.
 50. Taylor, E. H. (1944), "Flow characteristics at rectangular open channel junction." *Trans., ASCE*, 109, 893-912.
 51. Wang, R. F. and Robles, A., (1971), "Flood control facilities for unique flood problems." *Journal of The Waterways, Harbors and Coastal Engineering Division*, ASCE, Vol. 97, No. WW1, 191-195.
 52. Webber, N. B. and Greated, C. A. (1965), "An investigation of flow behaviour at the junction of rectangular channel." *Proceeding Institution of Civil Engineering*, Paper No. 6901, 321-334.
 53. Wylie, E. B. (1980), "Inaccuracies in characteristics method." *Proc. Ann. Hydraul. Spec. Conf., Am. Soc. Civ. Eng., 28th, Chicago*,

Illinois, 165-176.

54. Yeh, K.C., Wu, C.M., Yang, J.C., and Li, S.J. (1993), “Nonuniform transient sediment transport modeling.” *Hydraulic Engrg.*, '93, ASCE, pp893~898.
55. Yeh, K.C., Li, S.J., and Chen, W.L. (1995), “Modeling nonuniform-sediment fluvial process by characteristics method.” *J. of Hydraulic Engrg.*, ASCE, 121(2), pp.159~170.
56. Yeh, K.C., Chen, W.L., Chen, C.H., and Wu, C.M. (1996), “Modeling alluvial-river evolution by characteristics method.” *Proc. Six Federal Interagency Sedimentation Conference, Las Vegas, Nevada, USA, IV.* 57-64.

