

Publication List

(Xinhou HUA)

One research book:

- (1) (Hua, Xinhou; Yang, Chung-Chun) “*Dynamics Of Transcendental Functions*”, [Gordon and Breach Science Publishing Company \(1998\)](#)

Main Papers:

- (1) (Hua, Xinhou; Wang, Xiaoling; Vaillancourt, Rémi) Permutable functions concerning differential equations, [J. Australian Math. Soc.](#), 2008.
- (2) (Hua, Xinhou; Vaillancourt, Rémi) Prime Factorization of Entire Functions, Preprint.
- (3) (Wang, Xiaoling; Hua, Xinhou; Yang, Chung-Chun; Yang, Degui) Dynamics of permutable transcendental entire functions, [Rocky Mountain Math. J.](#) 36 (2006), no. 6, 2041–2055.
- (4) (Hua, Xinhou; Vaillancourt, Rémi) Dynamics of permutable meromorphic functions, Scientific Proceedings of Riga Technical University 26, Boundary Field Problems and Computer Simulation, 47th issue, (2005), 25-31.
- (5) (Frank, Günter; Hua, Xinhou; Vaillancourt, Rémi) Meromorphic functions sharing the same zeros and poles, [Canadian Journal of Mathematics](#). 56(2004), 1190-1227.
- (6) (Frank, Günter; Hua, Xinhou; Vaillancourt, Rémi) Fonctions méromorphes aux zéros et poles communs, [Comptes Rendus. Mathématique](#), 2004; 338 (10), 763-768.
- (7) (Wang, Xiaoling; Hua, Xinhou) Dynamics concerning functional equations. The Chuang special issue. Complex Variables Theory Appl. 43 (2001), no. 3-4, 469–475.
- (8) (Hua, Xinhou; Mori, Seiki) Deficiencies of meromorphic functions. Proceedings of the Second ISAAC Congress, Vol. 1 (Fukuoka, 1999), 451–457, Int. Soc. Anal. Appl. Comput., 7, Kluwer Acad. Publ., Dordrecht, 2000.
- (9) (Hua, Xinhou; Wang, Xiaoling; Yang, Chung-Chun) Dynamics of transcendental functions. Proceedings of the Second ISAAC Congress, Vol. 1 (Fukuoka, 1999), 311–316, Int. Soc. Anal. Appl. Comput., 7, Kluwer Acad. Publ., Dordrecht, 2000.
- (10) (Chen, Huaihui; Hua, Xinhou) Normal families concerning shared values. [Israel J. Math.](#) 115 (2000), 355–362.
- (11) (Xu, Yan; Hua, Xinhou) Normality criteria of families of meromorphic functions. Indian J. Pure Appl. Math. 31 (2000), no. 1, 61–68.
- (12) (Hua, Xinhou; Laine, Ilpo) Meromorphic solutions of some complex differential equations. Complex analysis and differential equations (Uppsala, 1997),

- 187–193, Acta Univ. Upsaliensis Skr. Uppsala Univ. C Organ. Hist., 64, Uppsala Univ., Uppsala, 1999.
- (13) (Hua, Xinhou; Yang, Chung-Chun) Fatou components of entire functions of small growth. [Ergodic Theory Dynam. Systems](#) 19 (1999), no. 5, 1281–1293.
 - (14) (Frank, Günter; Hua, Xin-Hou) Differential polynomials that share three finite values with their generating meromorphic function. [Michigan Math. J.](#) 46 (1999), no. 1, 175–186.
 - (15) (Hua, Xinhou; Yang, Chung-Chun) Fatou components and a problem of Bergweiler. [Internat. J. Bifur. Chaos Appl. Sci. Engrg.](#) 8 (1998), no. 7, 1613–1616.
 - (16) (Yang, Chung-Chun; Hua, Xin-hou) Unique polynomials of entire and meromorphic functions. [Mat. Fiz. Anal. Geom.](#) 4 (1997), no. 3, 391–398.
 - (17) (Yang, Chung-Chun; Hua, Xinhou) Uniqueness and value-sharing of meromorphic functions. [Ann. Acad. Sci. Fenn. Math.](#) 22 (1997), no. 2, 395–406.
 - (18) (Hua, Xinhou; Fang, Mingliang) Meromorphic functions sharing four small functions. *Indian J. Pure Appl. Math.* 28 (1997), no. 6, 797–811.
 - (19) (Hua, Xin-Hou) Sharing values and a problem due to C. C. Yang. [Pacific J. Math.](#) 175 (1996), no. 1, 71–81.
 - (20) (Hua, Xinhou; Lin, Zhengshan) Minimum modulus of small entire functions. *Complex Variables Theory Appl.* 30 (1996), no. 4, 289–296.
 - (21) (Chen, Huai Hui; Hua, Xin Hou) Normal families of holomorphic functions. [J. Austral. Math. Soc. Ser. A](#) 59 (1995), no. 1, 112–117.
 - (22) (Hua, Xinhou) A new approach to normality criterion. [Manuscripta Math.](#) 86 (1995), no. 4, 467–478.
 - (23) (Yang, Chung-Chun; Hua, Xin Hou) Factorization of quasi-periodic entire functions. [J. Math. Anal. Appl.](#) 189 (1995), no. 1, 1–5.
 - (24) (Chen, Huai Hui; Hua, Xin Hou) Normality criterion and singular directions. *Proceedings of the Conference on Complex Analysis (Tianjin, 1992)*, 34–40, Conf. Proc. Lecture Notes Anal., I, Internat. Press, Cambridge, MA, 1994.
 - (25) (Hua, Xin hou) The number of fix points of composite entire functions and a problem of Baker. *Complex analysis and its applications (Hong Kong, 1993)*, 60–66, Pitman Res. Notes Math. Ser., 305, Longman Sci. Tech., Harlow, 1994.
 - (26) (Hua, Xin hou) On a conjecture of Fuchs concerning factorization of entire functions. [Tohoku Math. J. \(2\)](#) 44 (1992), no. 2, 259–270.
 - (27) (Hua, Xin hou) Some extensions of the Tumura-Clunie theorem. *Complex Variables Theory Appl.* 16 (1991), no. 1, 69–77.
 - (28) (Hua, Xin hou) A unicity theorem for entire functions. [Bull. London Math. Soc.](#) 22 (1990), no. 5, 457–462.
 - (29) (Zhuang, Qi Tai; Hua, Xin Hou) On the growth of meromorphic functions. *Sci. China Ser. A* 33 (1990), no. 9, 1025–1033.
 - (30) (Hua, Xin hou) Uniquely factorizable entire functions. *J. Math. Anal. Appl.* 153 (1990), no. 1, 11–17.

- (31) (Hua, Xin hou) On a problem of Hayman. Kodai Math. J. 13 (1990), no. 3, 386–390.
- (32) (Hua, Xin hou) Proof of Gross-Yang’s conjecture concerning factorization of entire functions. Complex Variables Theory Appl. 14 (1990), no. 1-4, 65–70.