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(A) 期刊論文

1. Tsi-Shu Huang, Susan Shin-Jung Lee, Chia-Chien Lee, Fu-Chuen Chang. Detection of carbapenem-resistant *Klebsiella pneumoniae* on the basis of matrix-assisted laser desorption ionization time-of-flight mass spectrometry by using supervised machine learning approach. *PLoS ONE*, Vol. 15(2), pp. 1-13. [SCIE, NSYSU]
2. Fu-Chuen Chang and Jhong-Shin Tsai. A limit theorem of D -optimal designs for weighted polynomial regression. *J. Statist. PLANN. INFERENCE*, 154:26–38, 2014. [SCI, NSYSU].
3. Fu-Chuen Chang and Chin-Han Li. D -optimal designs for combined polynomial and trigonometric regression on a partial circle. *J. Statist. Plann. Inference*, 143(7):1186–1194, 2013. [SCI, NSYSU].
4. Fu-Chuen Chang, Lorens Imhof, and Yi-Ying Sun. Exact D -optimal designs for first-order trigonometric regression models on a partial circle. *METRIKA*, 76(6):857–872, 2013. [SCI, NSYSU].
5. 陳柏宇、張福春. 簡介蓋、舒爾凸函數與 Karamata 不等式. *數學傳播*, 37(2):56–72, 2013. [NSYSU].
6. 林宜嬪、張福春. 級數求和、對消和與對消乘積(下). *數學傳播*, 36(4):83–96, 2012. [NSYSU].
7. 林宜嬪、張福春. 級數求和、對消和與對消乘積(上). *數學傳播*, 36(3):59–73, 2012. [NSYSU].
8. 洪偉誠、李俊賢、蔡誠祐、何家興、張福春. 美國高中數學測驗 AMC 12 之機率問題(下). *數學傳播*, 36(1):64–83, 2012. [NSYSU].
9. 洪偉誠、李俊賢、蔡誠祐、何家興、張福春. 美國高中數學測驗 AMC 12 之機率問題(上). *數學傳播*, 35(4):62–81, 2011. [NSYSU].
10. 張福春、莊淨惠. 線性遞迴關係之求解(下). *數學傳播*, 34(1):35–57, 2010. [NSYSU].
11. 張福春、莊淨惠. 線性遞迴關係之求解(上). *數學傳播*, 33(4):47–62, 2009. [NSYSU].
12. 張福春、洪偉誠. 排容原理. *數學傳播*, 33(3):44–71, 2009. [NSYSU].
13. Fu-Chuen Chang, Hsiu-Ching Chang, and Sheng-Shian Wang. D -optimal designs for polynomial regression with exponential weight function. *METRIKA*, 70(3):339–354, 2009. doi 10.1007/s00184-008-0195-2. [SCI, NSYSU].
14. Fu-Chuen Chang and Yang-Chan Su. Computing A -optimal designs for weighted polynomial regression by Taylor expansion. *COMMUNICATIONS IN STATISTICS—THEORY AND METHODS*, 38(10):1622–1634, 2009. doi: 10.1080/03610920802610076. [SCI, NSYSU].
15. Fu-Chuen Chang and Jeff Shao. Calculating moment generating and characteristic functions using mathematica. *JOURNAL OF THE CHINESE STATISTICAL ASSOCIATION*, 46(2):118–129, 2008. [NSYSU].
16. 張福春、曾介玫. 一般生成函數之應用. *數學傳播*, 32(3):12–35, 2008. [NSYSU].
17. 張福春、李姿霖. 不等式之基本解題方法. *數學傳播季刊*, 31(2):38–61, 2007. [NSYSU].
18. Fu-Chuen Chang and Bo-Jung Jiang. An algebraic construction of minimally-supported D -optimal designs for weighted polynomial regression. *STATISTICA SINICA*, 17(3):1005–1021, 2007. [SCI, NSYSU].
19. Fu-Chuen Chang and Hung-Ming Lin. On minimally-supported D -optimal designs for polynomial regression with log-concave weight function. *METRIKA*, 65(2):227–233, 2007. [SCI, NSYSU].
20. Fu-Chuen Chang. D -optimal designs for weighted polynomial regression – a functional approach. *Ann. Inst. Statist. Math.*, 57(4):833–844, 2005. [SCI, NSYSU].
21. Fu-Chuen Chang. D -optimal designs for weighted polynomial regression – a functional-algebraic approach. *STATISTICA SINICA*, 15(1):153–163, 2005. [SCI, NSYSU].
22. Fu-Chuen Chang and Ya-Huei Chen. D -optimal designs for multivariate linear and quadratic polynomial regression. *中國統計學報*, 42(4):383–402, 2004. [NSYSU].
23. A. K. Gupta and Fu-Chuen Chang. Multivariate skew-symmetric distributions. *APPLIED MATHEMATICS LETTERS*, 16(5):643–646, 2003. [SCI, NSYSU].
24. A. K. Gupta, Fu-Chuen Chang, and Wen-Jang Huang. Some skew-symmetric models. *RANDOM OPERATORS AND STOCHASTIC EQUATIONS*, 10(2):133–140, 2002. [NSYSU].
25. Fu-Chuen Chang and Ching-Fu Lay. Optimal designs for a growth curve model. *Journal of Statistical Planning and Inference*, 104(2):427–438, 2002. [SCIE, NSYSU].
26. Fu-Chuen Chang and Lorens A. Imhof. E -optimal exact designs. *Statistics and Applications*, 3:155–164, 2001. [NSYSU].
27. Fu-Chuen Chang, Mong-Na Lo Huang, Dennis K. J. Lin, and Huie-Ching Yang. Optimal designs for dual response polynomial regression models. *JOURNAL OF STATISTICAL PLANNING AND INFERENCE*, 93(1- 2):309–322, 2001. [SCIE, NSYSU].
28. Fu-Chuen Chang. Exact D -optimal designs for polynomial regression without intercept. *STATISTICS AND PROBABILITY LETTERS*, 44:131–136, 1999. [SCIE, NSYSU].

29. Fu-Chuen Chang and Yu-Rong Yeh. Exact A-optimal designs for quadratic regression. *STATISTICA SINICA*, 8(2):527–533, 1998. [SCI, NSYSU].
30. Fu-Chuen Chang. On asymptotic distribution of optimal design for polynomial-type regression. *STATISTICS AND PROBABILITY LETTERS*, 36:421–425, 1998. [SCIE, NSYSU].
31. Fu-Chuen Chang and Ge-Chen Lin. D-optimal designs for weighted polynomial regression. *JOURNAL OF STATISTICAL PLANNING AND INFERENCE*, 62(2):317–331, 1997. [SCIE, NSYSU].
32. Fu-Chuen Chang and Berthold Heiligers. E-optimal designs for polynomial regression without intercept. *JOURNAL OF STATISTICAL PLANNING AND INFERENCE*, 55(3):371–387, 1996. [SCIE, NSYSU].
33. Mong-Na Lo Huang, Fu-Chuen Chang, and Weng Kee Wong. D-optimal designs for polynomial regression without an intercept. *STATISTICA SINICA*, 5:441–458, 1995. [NSYSU].
34. 張福春, 詹慧婷. 無常數項多項式迴歸模型下隨機設計之有效性. *中國統計學報*, 32(4):541–559, 1994. [NSYSU].
35. Fu-Chuen Chang, J. H. B. Kemperman, and William J. Studden. A normal limit theorem for moment sequences. *ANNALS OF PROBABILITY*, 21(3):1295–1309, 1993. [SCI].