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**(A) 期刊論文**

1. Chen, MR. A time-dependent polya urn with multiple drawings. *PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES*, 34(4):469-483, 2020. [SCIE, NSYSU].
2. Chen, MR; Hsiau, SR; Tsai, JC; Yao, YC. Asymptotics on the number of walks until no shoes when the number of doors is large. *STOCHASTIC MODELS*, 36(5):1401-1419, 2020. [SCIE, NSYSU].
3. Huang, Shih-Feng; Guo, Meihui; Chen, May-Ru. Stock market trend prediction using a functional time series approach. *QUANTITATIVE FINANCE*, 2019. [SCIE, NSYSU].
4. Chen, May-Ru; Hsiau, Shoou-Ren. On A Generalized Q-urn Model. *PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES*, 29(1):99-115, 2015. [SCIE, NSYSU].
5. May-Ru Chen, Shoou-Ren Hsiau, and Ting-Hsin Yang. A new two-urn model. *JOURNAL OF APPLIED PROBABILITY*, 51:590-597, 2014. [SCI, NSYSU].
6. May-Ru Chen and Markus Kuba. On generalized polya urn models. *JOURNAL OF APPLIED PROBABILITY*, 50:1169-1186, 2013. [SCI, NSYSU].
7. May-Ru Chen. Nash equilibriums in two-person red-and-black games. *PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES*, 26:323-336, 2012. [SCI, NSYSU].
8. May-Ru Chen. Two-person red-and-black game with lower limit. *PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES*, 25:119-133, 2011. [SCI, NSYSU].
9. May-Ru Chen and Shoou-Ren Hsiau. Two new models for the two-person red-and-black game. *JOURNAL OF APPLIED PROBABILITY*, 47(1):97-108, 2010. [SCI, NSYSU].
10. May-Ru Chen. Proportional three-person red-and-black games. *PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES*, 23:37-50, 2009. [SCI, NSYSU].
11. May-Ru Chen, Pei-Shou Chung, Shoou-Ren Hsiau, and Yi-Ching Yao. On nonoptimality of bold play for subfair red-and-black with a rational-valued house limit. *J. Appl. Probab.*, 45:1024-1038, 2008. [SCI, NSYSU].
12. Yi-Ching Yao and May-Ru Chen. Strong optimality of bold play for discounted dubinssavage gambling problems with time-dependent parameters. *J. Appl. Probab.*, 45:403-416, 2008. [SCI].
13. May-Ru Chen and Shoou-Ren Hsiau. Two-person red-and-black games with betdependent win probability functions. *J. Appl. Probab.*, 43:905-915, 2006. [SCI].
14. May-Ru Chen and Ching-Zong Wei. A new urn model. *J. Appl. Probab.*, 42:964-976, 2005. [SCI].

**(B) 專書及其他著作**

1. May-Ru Chen. *Red-and-Black Games with Bet-Dependent Win Probability*. Ph. D. thesis, National Changhua University of Education, Taiwan, 2007.