

李宗錢教授 (Tsung-Lin Lee) (96 年 8 月畢業，99 年 8 月到校)

(A) 期刊論文

1. A. Noorizadegan, A. Naji, Tsung-Lin Lee, R. Cavoretto, D.L. Young, *Bending analysis of quasicrystal plates using adaptive radial basis function method*, *J. Comput. Appl. Math.*, 450, 115990, 2024. [SCI, NSYSU].
2. H.X. Cao, H.Y. Chen, Z.H. Guo, Tsung-Lin Lee and N.C. Wong, *Convex decompositions of Q -stochastic tensors and Bell locality in a multipartite system*, *Advances in Operator Theory*, 9:19, 2024. [NSYSU].
3. Y. Zhao, Z.H. Guo, L.X. Feng, S.L. Luo and Tsung-Lin Lee. *Equioverlapping measurements in qutrit systems*. *Physics Letters A*, 495, 129314, 2024. [SCI, NSYSU].
4. H.X. Cao, H.Y. Chen, Z.H. Guo and Tsung-Lin Lee. *The convex decomposition of row-stochastic matrices*. *Annals of Mathematical Sciences and Applications*. 8(6), 289-306, 2023. [NSYSU].
5. Tsung-Lin Lee and Y.L. Tsai. *Nine equilibrium points of four point charges on the plane*. *Appl. Math. Lett.*, Volume 132, Article 108207, 2022. [SCI, NSYSU].
6. C.S. Liu and Tsung-Lin Lee. *A new family of generalized quadrature methods for solving nonlinear equations*. *Asian-European Journal of Mathematics*, Volume 15(3), 2250044, 2022. [NSYSU].
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10. Y.C. Kuo and Tsung-Lin Lee. *Computing the unique CANDECOMP/PARAFAC decomposition of unbalanced tensors by homotopy method*. *Linear Algebra Appl.*, 556:238–264, 2018. [SCI, NSYSU].
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12. Tsung-Lin Lee, T.Y. Li and Z. Zeng. *RankRev: a Matlab package for computing the numerical rank and updating/downdating*. *Numerical Algorithms*, 77(2):559–576, 2018. [SCI, NSYSU].
13. T. Chen, Tsung-Lin Lee and T.Y. Li. *Mixed cell computation in Hom4PS-3*. *J. Symbolic Comput.*, 79:516–534, 2017. [SCI, NSYSU].
14. W.F. Ke, K.F. Lai, Tsung-Lin Lee and N.C. Wong. *Random Toeplitz operations and eigenvalue distribution*. *J. Nonlinear Convex Anal.*, 17(9):1717–1728, 2016. [SCI, NSYSU].
15. W.F. Ke, K.F. Lai, Tsung-Lin Lee and N.C. Wong. *Preconditioning random Toeplitz systems*. *J. Nonlinear Convex Anal.*, 17(4):757–770, 2016. [SCI, NSYSU].
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21. *Tsung-Lin Lee and T.Y. Li. Mixed volume computation in solving polynomial systems. Contemp. Math., 556:97–112, 2011. [NSYSU].*
22. *Tsung-Lin Lee and M. Santoprete. Central configurations of the five-body problem with equal masses. Cel. Mech. Dyn. Astr., 104:369–381, 2009. [SCI].*
23. *Tsung-Lin Lee, T.Y. Li and Z. Zeng. A rank-revealing method with updating, downdating and applications, Part II. SIAM J. Matrix Anal. Appl., 31(2):503–525, 2009. [SCI]*
24. *Tsung-Lin Lee, T.Y. Li and C.H. Tsai. HOM4PS-2.0: a software package for solving polynomial systems by the polyhedral homotopy continuation method. Computing, 83:109–133, 2008. [SCI].*

(B) 專書及其他著作

1. *Tsung-Lin Lee. A rank-revealing method for low rank matrices. Saarbrücken, Germany, 2009. VDM Verlag.*
2. *Tianran Chen, Tsung-Lin Lee and Tien-Yien Li. Hom4PS-3: A Parallel Numerical Solver for Systems of Polynomial Equations Based on Polyhedral Homotopy Continuation Methods. In Proceedings 8592, Mathematical Software – ICMS 2014 – 4th International Congress, pages 183–190, Seoul, South Korea, 2014.*