蔡志賢教授 (Jhishen Tsay) (80年8月畢業，80年8月到校)

(A) 期刊論文

1. Jyy-I Hong and **Jhishen Tsay**. A strong law of large numbers for random elements in Banach spaces. *Southeast Asian Bulletin of Mathematics*, 34:257–264, 2010. [NSYSU].

2. J. Myers, S.F. Huang, and **Jhishen Tsay**. Exact conditional inference for two-way randomized Bernoulli experiments. *Journal of Statistical Software*, 21, 2007. [SCI, NSYSU](2007 Impact Factor: 1.621).

3. H. C. Tsai and **Jhishen Tsay**. A characterization of the Stieltjes transforms of probability distribution functions. *Southeast Asian Bulletin of Mathematics*, 27:1–6, 2003. [NSYSU].

4. Y. T. Chen, Y. H. Cheng, C. K. Law, and **Jhishen Tsay**. L^1 convergence of the reconstruction formula for the potential function. *Proceedings of American Mathematical Society*, 130(8):2319–2324, 2002. [SCI, NSYSU](2002 Impact Factor: 0.334).

5. Z. D. Bai, B. Miao, and **Jhishen Tsay**. Convergence rates of the spectral distributions of large Wigner matrices. *International Mathematical Journal*, 1(1):65–90, 2002. [NSYSU].

6. C. K. Law and **Jhishen Tsay**. On the well-posedness of the inverse nodal problem. *Inverse Problems*, 17(5):1493–1512, 2001. [SCI, NSYSU](2001 Impact Factor: 1.248).

7. Y. H. Cheng, C. K. Law, and **Jhishen Tsay**. Remarks on a new inverse nodal problem. *Journal of Mathematical Analysis and Applications*, 248:145–155, 2000. [SCI, NSYSU](2000 Impact Factor: 0.431).

8. **Jhishen Tsay**. Lyapunov exponents fo rproducts of random matrices. *TPRA Proceedings of Symposium of Analysis and Probability, ed. by N. Kono and N. R. Shieh, World Scientific*, pages 301–309, 1999. [NSYSU].

9. Z. D. Bai, B. Miao, and **Jhishen Tsay**. Remarks on the convergence rates of the spectral distributions of wigner matrices. *Journal of Theoretical Probability*, 12(2):301–311, 1999. [SCI, NSYSU](1999 Impact Factor: 0.396).

10. **Jhishen Tsay**. Some uniform estimates in products of random matrices. *Taiwanese Journal of Mathematics*, 3(3):291–302, 1999. [SCIE,NSYSU].

11. **Jhishen Tsay**. Lyapunov exponent for the random Schrödinger equation. *Southeast Asian Bulletin of Mathematics*, 23(2):285–290, 1999. [NSYSU].

12. **Jhishen Tsay**. Applications of products of random matrices to stochastic difference equations. *Proceedings of the National Science Council ROC(A)*, 21(6):527–532, 1997. [NSYSU].

13. Z. D. Bai, B. Miao, and **Jhishen Tsay**. A note on the convergence rate of the spectral distributions of large random matrices. *Statistics and Probability Letters*, 34:95–101, 1997. [SCIE,NSYSU].

14. **Jhishen Tsay**. Wave scattering in a strip. *J. Math. Physics*, 35:680–692, 1994. [SCI, NSYSU].

15. W. G. Faris and **W. Jhishen Tsay**. Time delay in random scattering. *SIAM J. Appl. Math.*, 54:443–455, 1994. [SCI, NSYSU].

16. W. G. Faris and **W. Jhishen Tsay**. Wave scattering in random media. In Greg Morrow and Wei-Shih Yang, editors, *Proceedings of the Conference on Probability Models in Mathematical Physics*, pages 24–26, Colorado Springs, 1991. World Scientific.

17. W. G. Faris and **W. Jhishen Tsay**. Scattering of a wave packet by an interval of random medium. *J. Math. Physics*, 30:2900–2903, 1989. [SCI].