

## 董立大教授 (Li-Da Tong) (87年6月畢業，90年8月到校)

### (A) 期刊論文

1. G. J. Chang, F. K. Hwang, and **L.-D. Tong**. The Hamiltonian properties of consecutive-3 digraphs. *Math. Computer Modeling*, 25:83–88, 1997. [SCIE].
2. G. J. Chang, F. K. Hwang, and **L.-D. Tong**. Characterizing bit permutation networks. *Networks*, 33:261–267, 1999. [SCI](1999 Impact Factor: 0.311).
3. G. J. Chang, F. K. Hwang, and **L.-D. Tong**. The consecutive-4 digraphs are hamiltonian. *J. of Graph Theory*, 31-1:1–6, 1999. [SCI](1999 Impact Factor: 0.544).
4. S.-C. Liu, **L.-D. Tong**, and Y.N. Yeh. Trees with the minimum Wiener numbers. *International Journal of Quantum Chemistry*, 78:331–340, 2000. [SCI](2000 Impact Factor: 1.317).
5. K. W. Lih, **L.-D. Tong**, and J. H. Yan. On cycle sequences. *Graphs and Combinatorics*, 17:129–133, 2001. [SCIE](2001 Impact Factor: 0.205).
6. **L.-D. Tong**, F. K. Hwang, and G. J. Chang. Channel graphs of bit permutation networks. *Theoretical Computer Science*, 263:139–143, 2001. [SCI](2001 Impact Factor: 0.468).
7. G. J. Chang, **L.-D. Tong**, J. H. Yan, and H. G. Yeh. A note on Gallai-Roy-Vitaver theorem. *Discrete Mathematics*, 256:441–444, 2002. [SCI, NSYSU](2002 Impact Factor: 0.395).
8. K. W. Lih, **L.-D. Tong**, and W. Wang. The linear 2-arboricity of planar graphs. *Graphs and Combinatorics*, 19:241–248, 2003. [SCIE, NSYSU](2003 Impact Factor: 0.159).
9. F.K. Hwang, S. C. Liaw, and **L.-D. Tong**. Strictly nonblocking 3-stage clos networks with some rearrangeable multicast capability. *IEEE Transactions on Communications*, 51(11):1765–1767, 2003. [SCI, NSYSU](2003 Impact Factor: 1.665).
10. G. J. Chang, **L.-D. Tong**, and H.-T. Wang. Geodetic spectra of graphs. *European Journal of Combinatorics*, 25(3):383–391, 2004. [SCI, NSYSU](2004 Impact Factor: 0.303).
11. K. W. Lih, **L.-D. Tong**, and W. F. Wang. The linear 2-arboricity of outerplanar graphs. *Ars Combinatoria*, 73:13–22, 2004. [SCI, NSYSU](2004 Impact Factor: 0.178).
12. K. W. Lih, C. Y. Lin, and **L.-D. Tong**. On an interpolation property of outerplanar graphs. *Discrete Applied Mathematics*, 154(1):166–172, 2006. [SCI, NSYSU](2006 Impact Factor: 0.577).
13. D. Kral, **L.-D. Tong**, and X. Zhu. Upper Hamiltonian numbers and Hamiltonian spectra of graphs. *Australasian Journal of Combinatorics*, 35:329–340, 2006. [NSYSU].
14. K. W. Lih, C. Y. Lin, and **L.-D. Tong**. Non-cover generalized Mycielskian, Kneser, and Schrijver graphs. *Discrete Mathematics*, 308:4653–4659, 2008. [SCI, NSYSU](2008 Impact Factor: 0.502).
15. **L.-D. Tong**, P. L. Yen, and A. Farrugia. The convexity spectra of graphs. *Discrete Applied Mathematics*, 156:1838–1845, 2008. [SCI, NSYSU](2008 Impact Factor: 0.783).

16. **L.-D. Tong** and H. T. Wang. Eccentric spectrum of a graph. *Taiwanese Journal of Mathematics*, 12:969–977, 2008. [SCI, NSYSU](2008 Impact Factor: 0.583).
17. **L.-D. Tong**. The  $(a, b)$ -forcing geodetic graphs. *Discrete Mathematics*, 309:1623–1628, 2009. [SCI, NSYSU](2009 Impact Factor: 0.548).
18. **L.-D. Tong**. The forcing hull and forcing geodetic numbers of graphs. *Discrete Applied Mathematics*, 157:1159–1163, 2009. [SCI, NSYSU](2009 Impact Factor: 0.816).
19. J. T. Hung, **L.-D. Tong**, and H. T. Wang. The hull and geodetic numbers of orientations of graphs. *Discrete Mathematics*, 309:2134–2139, 2009. [SCI, NSYSU](2009 Impact Factor: 0.548).
20. **L.-D. Tong**. Geodetic sets and steiner sets in graphs. *Discrete Mathematics*, 309:4205–4207, 2009. [SCI, NSYSU](2009 Impact Factor: 0.548).
21. G. J. Chang, C.-Y. Lin, and **L.-D. Tong**. Independent arcs of acyclic orientations of complete  $r$ -partite graphs. *Discrete Mathematics*, 309:4280–4286, 2009. [SCI, NSYSU](2009 Impact Factor: 0.548).
22. H.-H. Lai, K. W. Lih, and **L.-D. Tong**. Full orientability of graphs with at most one dependent arc. *Discrete Applied Mathematics*, 157(13):2969–2972, 2009. [SCI, NSYSU](2009 Impact Factor: 0.816).
23. Hsin-Hao Lai, K. W. Lih, C.-Y. Lin, and **L.-D. Tong**. When is the direct product of generalized mycielski graphs a cover graph. *Ars Combinatoria*, accepted, 2009. [SCI, NSYSU](2009 Impact Factor: 0.396).
24. Y.-P. Chen, Y.-M. Huang, and **L.-D. Tong**. Rearrangeable nonblocking optical interconnection network fabrics with crosstalk constraints. *IEEE/ACM Transactions on Networking*, accepted, 2009. [SCI, NSYSU](2009 Impact Factor: 2.051).