

Publications of D. J. Guan

(A) Refereed Papers

1. **D. J. Guan**. Routing a vehicle of capacity greater than one. *Discrete Applied Mathematics*, 81(1):41–57, January 1998. [SCI].
2. **D. J. Guan**. An optimal message routing algorithm for double-loop networks. *Information Processing Letters*, 65(5):255–260, March 1998. [SCI].
3. **D. J. Guan** and Xuding Zhu. Multiple capacity vehicle routing on paths. *SIAM Journal on Discrete Mathematics*, 11(4):590–602, November 1998. [SCI].
4. **D. J. Guan**. Generalized gray codes with applications. *Proceedings of the National Science Council, Part A: Physical Science and Engineering*, 22(6):841–848, November 1998. [EI].
5. **D. J. Guan**, Z. C. Li, Y. L. Chen, and J. H. Chuang. Wire-frame method for blending surface design. *Proceedings of the National Science Council, Part A: Physical Science and Engineering*, 23(1):20–30, January 1999. [EI].
6. **D. J. Guan** and Xuding Zhu. Game chromatic number of outerplanar graphs. *Journal of Graph Theory*, 30(1):67–70, January 1999. [SCI].
7. Chun-Yen Chou, **D. J. Guan**, and Kuei-Lin Wang. A dynamic fault-tolerant message routing algorithm for double-loop networks. *Information Processing Letters*, 70(6):259–264, June 1999. [SCI].
8. **D. J. Guan**, Chun-Yen Chou, and Chiou-Wei Chen. Computational complexity of similarity retrieval in pictorial database. *Information Processing Letters*, 75(3):113–117, August 2000. [SCI].
9. Tzong-Chen Wu, Shih-Chan Huang, and **D. J. Guan**. Delegated multisignature scheme with document decomposition. *Journal of Systems and Software*, 55(3):321–328, January 2001. [SCI].
10. Yu-Liang Liu, Yue-Li Wang, and **D. J. Guan**. An optimal fault-tolerant routing algorithm for double-loop networks. *IEEE Transactions on Computers*, 50(5), May 2001. [SCI].

11. Chun-Yen Chou, **D. J. Guan**, and Jiun-Ming Chen. A systematic construction of a q_{2^k} -module in TTM. *Communications in Algebra*, 30(2):551–562, 2002. [SCI].