

【期刊論文】

- S.-C. Liu , Yi. Wang and Y.N.Yeh, Chung-Feller Property in View of Generating Functions, The Electronic Journal of Combinatorics, 18 (2011) article p104. (SCI)
- S.-C. Liu and J. Yeh, Catalan numbers modulo 2^k , Journal of Integer Sequences, 13 (2010) article 10.5.4 (NSC 96-2115-M-134-003-MY2, first and corresponding author)
- S.-C. Liu, Y. Wang and Y.-N. Yeh, Chung-Feller Property in View of Generating Functions, The electronic Journal of Combinatorics , accepted. (NSC 98-2115-M-134-005-MY3, SCI: 0.605, first and author)
- S.-C. Liu, J. Ma and Y.-N. Yeh, Dyck paths with peak- and valley-avoiding sets, Studies in Applied Mathematics, 121 (2008) 263—289 .
- S.-P. Eu, S.-C. Liu and Y.-N. Yeh, Catalan and Motzkin numbers modulo 4 and 8, European Journal of Combinatorics, in press.
- L.-H. Hsu, S.-C. Liu and Y.-N. Yeh, Hamiltonicity of hypercubes with a constraint of required and faulty Edges, Journal of Combinatorial Optimization. 14, no. 2-3, (2007) 197—204.
- S.-P. Eu, S.-C. Liu and Y.-N. Yeh, On the congruences of some combinatorial numbers, Studies in Applied Mathematics, 116 issue 2 (2006) 135 — 144.
- S.-P. Eu, S.-C. Liu and Y.-N. Yeh, Odd or even on plane trees, Discrete Mathematics, 281, no. 1-3 (2004) 189—196.
- S.-P. Eu, S.-C. Liu and Y.-N. Yeh, Dyck paths with peaks avoiding or restricted to a given set, Studies in Applied Mathematics, 111 (2003) 453—465.
- S.-P. Eu, S.-C. Liu and Y.-N. Yeh, Taylor expansions for Catalan and Motzkin numbers, Advances in Applied Mathematics, 29 (2002) 345—357.
- S.-C. Liu , L.-D. Tong and Y.-N. Yeh, Trees with the minimum Wiener number, International Journal of Quantum Chemistry, 78 (2000) 331—340.
- S.-C. Liu and B. Sagan, Left-modular elements of lattices, Journal of Combinatorial Theory, Series A, 91 (2000) 369—385.

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【國科會計畫與其他計畫】

漢米爾頓性質的容錯性 NSC 90-2115-M-163-003

格子點路徑之研究 NSC 91-2115-M-163-001

泊車函數的推廣 NSC 92-2115-M-163-001

格子點路徑之研究二 (1/2) NSC 93-2115-M-163-001

格子點路徑之研究二 (2/2) NSC 94-2115-M-163-001

(R,F)- 漢米爾頓性質 NSC 95-2115-M-163-002

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