

104 年 12 月 通過 學術審查

年 級：博七 (98 入學)

著作列表

Journal Papers:

- J1.** Mihai Burcea, Wing-Kai Hon, Hsiang-Hsuan Liu, Prudence W.H. Wong and David K.Y. Yau: **Scheduling for Electricity Cost in Smart Grid**, *Journal of Scheduling*, Springer, 2015 (accepted and available online).
(**SCI**, Impact Factor: 1.028, 5-Years Impact Factor: 1.789, SCImago Journal Rank (SJR): 1.549, rank=25/151=16.7% in the category of "Management Science and Operations Research")
- J2.** Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, and Yue-Li Wang: **Edge-Clique Covers of the Tensor Product**, *Theoretical Computer Science* 607:68-74, Elsevier, 2015
(**SCI**, Impact Factor: 0.657, 5-Years Impact Factor: 0.747, SCImago Journal Rank (SJR): 1.096, rank = 30/134 = 22.4% in the category of "Computational Theory and Mathematics")
- J3.** Wing-Kai Hon, Ton Kloks, Ching-Hao Liu, Hsiang-Hsuan Liu, Sheung-Hung Poon and Yue-Li Wang: **On Maximum Independent Set of Categorical Product and Ultimate Categorical Ratios of Graphs**, *Theoretical Computer Science*, 588:81-95, Elsevier, 2015
(**SCI**, Impact Factor: 0.657, 5-Years Impact Factor: 0.747, SCImago Journal Rank (SJR): 1.096, rank = 30/134 = 22.4% in the category of "Computational Theory and Mathematics")

Conference Papers:

- C1.** Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu: **On the P_3 -Convexity of Some Classes of Graphs with Few P_4 s and Permutation Graphs**, In *Proceedings of The 39th Australasian Computer Science Conference (ACSC)*, 2016

- C2.** Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu and Hung-Lung Wang: **Rainbow domination and related problems on some classes of perfect graphs**, In *Proceedings of The 1st IFIP International Conference on Topics in Theoretical Computer Science (TTCS)*, 2015
- C3.** Wing-Kai Hon, Hsiang-Hsuan Liu, Prudence W.H. Wong: **Online Nonpreemptive Scheduling for Electricity Cost in Smart Grid**, In *Proceedings of The 12th Workshop on Models and Algorithms for Planning and Scheduling Problems (MAPSP)*, pages 193-195, 2015
- C4.** Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, Yue-Li Wang: **Edge-clique Covers of the Tensor Product** In *Proceedings of The 10th International Conference on Algorithmic Aspects of Information and Management (AAIM)*, pages 66-74, 2014
- C5.** Wing-Kai Hon, Ton Kloks, Ching-Hau Liu, Hsiang-Hsuan Liu, Sheung-Hung Poon, Yue-Li Wang: **Results on Independent Sets in Categorical Products of Graphs, the Ultimate Categorical Independence Ration and the Ultimate Categorical Independent Domination Ration**, In *Proceedings of The 8th International Workshop on Algorithms and Computation (WALCOM)*, pages 237-248, 2014
- C6.** Mihai Burcea, Wing-Kai Hon, Hsiang-Hsuan Liu Prudence W.H. Wong and David K.Y. Yau: **Scheduling for Electricity Cost in Smart Grid**, In *Proceedings of The 7th Annual International Conference on Combinatorial Optimization and Applications (COCOA)*, pages 306-317, 2013
- C7.** Luérbio Faria, Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, Tao-Ming Wang and Yue-Li Wang: **On Complexities of Minus Domination**, In *Proceedings of The 7th Annual International Conference on Combinatorial Optimization and Applications (COCOA)*, pages 178-189, 2013
- C8.** Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, Sheung-Hung Poon and Yue-Li Wang: **On Independence Domination**, In *Proceedings of The 19th International Symposium on Fundamentals of Computation Theory (FCT)*, pages 183-194, 2013