國立中山大學
應用數學系

成果報告

民國 105 年 10 月

國立中山大學

應用數學系

成果報告

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民國 105 年 10 月

目　錄

一、前言

教學目標

本校與台大、中央、清華、交大、陽明和成大等校同時被教育部評為研究型大學，獲得「邁向頂尖大學計畫」經費補助，學風鼎盛，人文薈聚。中山應用數學系的碩士班成立於民國七十六年(1987 年)，大學部成立於民國七十九年，博士班成立於民國八十三年。本系大學部提供充實的數學、機率統計及科學計算課程，並設有金融工程、軟體工程及巨量資料分析等學程，奠定紮實的學科與跨領域的基礎。學生不論在理論及應用，均可獲得紮實與深入的訓練，畢業之後，具有充分的能力進入就業市場，或選擇適合興趣的研究領域繼續深造。本系碩士班包含統計、科學計算、數學及數據科學四組。博士班以培養具有獨立研究能力的人才為目標，預期在本系完成博士學位者，能致力於學術研究與應用科學，成為國家的高階研究人才。

研究設備

本系為科技部高雄區數學圖書中心，現期、庫藏及線上電子期刊均相當完整，一般圖書則置於本校總圖書館。本系軟硬體設備齊全完善，研究所及大學部各有一間電腦教室，多媒體教室五間，並備有多種數學、統計及科學計算專家功能的軟體。碩博士生皆配有研究室供研究討論之用。

師資陣容

本系專任教師 17 人均具博士學位，熱心教學和研究，除主持科技部研究計畫外並屢獲各種研究教學之獎勵。有數位教師曾任或現任國內外重要學術期刊的主編或編輯委員，並有數位國內及國際院士級的榮譽講座教授。本系研究領域分為統計、科學計算和數學三組，教師研究興趣廣泛，並在國際期刊上發表重要的研究論文，得到了學界的肯定，榮獲多項榮耀。我們的目標是將本系發展成為世界一流的數學研究中心。

學術榮耀

- 2014 年≪QS 世界大學排名≫本系在數學領域排名 151~200。
- 2014 年 U. S. News & Wold Report 評比的“Best Global Universities”，本系在數學領域排名 41 名。
- 2015 年上海交通大學的「2015 世界大學學術排名」，本系在數學領域排名世界 76~100，蟬聯全國之首。

學術研究及服務

本系熱心參與國內外學術活動，時常舉辦國內及國際研討會，吸引國內外上百位學者與會，為本校提高不少國際學術聲望。本系亦承辦科技部及教育部補助之高屏區高中學生數學科學研究人才培育計畫，為培養和發掘優秀的高中學生，造就基礎科學人才而盡力。本系數學資優班計畫培養出許多優秀的學生，榮獲奧林匹亞數學競賽多項獎牌。

學生出路

本系學生除可依興趣選擇輔系、雙主修，也可至外系選課。為了培養同學的多元學習能力和因應就業的需要，在本系的主導下，與財管系、企管系合辦金融工程學程，此外並與資工系、資管系、電機系合辦軟體工程學程，提供同學選讀。另外，本校亦開設教育學程，提供有志願擔任中、小學教師的同學選修。由於學習環境優良，本系學生均能受到良好訓練。本系與資管系及資工系共同開設碩士班的巨量資料分析學程，培養資料科學人才。本系至今已有大學部畢業生 23 屆共 1,062 位，碩士班畢業生 28 屆共 589 位，博士班畢業生 48 位。畢業生除正在服兵役者外，其他有正在就讀碩士班者（除數學、統計及資訊類所外，包含經濟、精算、國際企業、工業工程等研究所），有在保險業、資訊業、電子業、企業界工作者，可說在各行各業均有本系畢業生，發展空間極大。

學校環境

高雄市地處南台灣，為國際大港，是一個工業金融蓬勃發展的都市，且腹地廣大，深具發展潛力。近年來因高速鐵路的通車，高雄捷運紅、橘兩線及輕軌通車，高雄市已成為全台灣唯一擁有海港、國際機場及陸路交通的台鐵、高鐵、捷運以及輕軌的都市。本校位於高雄市西子灣，捷運橘線的起點，學校附近風景名勝極多。從旗津海水浴場、蓮池潭、澄清湖至壘丁國家公園均為本校學生活動範圍。市立美術館、科學工藝博物館都是學生怡情益智的好地方。本校依山傍水，氣勢磅礴，建築宏偉；遠眺碧波萬頃，水天相連，巨輪航行碇泊其間。在靈秀的校園中，橫臥著一座萬壽山隔離塵囂，在穿過隧道之後又立即進入市區。能在此地讀書及成長，實屬難得的美好經驗。學生宿舍均設有電腦網路、餐廳及各種便利生活的設備。學校常以學生的學習需求提供舒適且優良的環境。

二、教職員介紹

專任教師

姓 名 E-mail	職 稱	學　　歷	研 究 專 長	分機
董立大 ldtong	教授 兼系主任	東海大學數學系學士(1991) 交通大學應用數學研究所碩士(1993) 交通大學應用數學系博士(1998)	組合數學	3832
羅夢娜 lomn	教授	清華大學數學系學士(1976) 美國普渡大學統計博士(1983)	實驗設計、工業統計、 資料分析、環境統計	3811
羅春光 law	教授	香港中文大學數學系學士(1982) 香港中文大學數學所碩士(1987) 美國匹茲堡大學數學博士(1992)	微分方程、分析	3822
黃毅青 wong	教授 **特聘教授**	香港中文大學數學系學士(1985) 香港中文大學數學所碩士(1987) 美國普渡大學數學博士(1991)	泛函分析、算子理論、 算子代數	3818
郭美惠 guomh	教授	清華大學數學系學士(1983) 美國馬里蘭大學統計博士(1989)	時間序列、估計論、 隨機過程	3820
張福春 changfc	教授	台灣大學數學系學士(1984) 美國普渡大學統計博士(1992)	實驗設計、統計計算	3823
蔡志賢 tsay	教授	台灣大學數學系學士(1981) 美國亞利桑那大學數學博士(1991)	機率論	3817
呂宗澤 ttlu	教授	清華大學數學系學士(1983) 清華大學數學所碩士(1985) 美國加州大學柏克萊分校數學博士(1992)	矩陣理論、數值分析、 微分方程、離散數學	3821
黃杰森 huangcs	教授	清華大學應用數學系學士(1990) 清華大學數學所碩士(1992) 美國普渡大學應用數學博士(1998)	數值分析、偏微分方程	3830
王彩蓮 tlwong	教授	台灣師範大學數學系學士(1989) 台灣師範大學數學碩士(1993) 台灣大學數學博士(1996)	環論	3819
蔣永延 chiangyy	教授	台灣師範大學數學系學士(1980) 台灣師範大學數學所碩士(1986) 美國紐約市立大學數學博士(1995)	黎曼面、雙曲幾何、 複變函數論	3829
何宗軒 hom	副教授	成功大學數學系學士(1988) 美國普渡大學數學博士(1996)	泛函分析、算子理論、 複變函數論	3831
陳美如 chenmr	副教授	彰化師範大學數學學士(1999) 台灣大學數學碩士(2001) 彰化師範大學數學博士(2007)	應用機率	3810
李宗錂 leetsung	助理教授	中央大學數學系學士(1996) 清華大學數學系碩士(1998) 美國密西根州立大學數學系博士(2007)	數值分析、科學計算、 多項式方程	3815

姓 名 E-mail	職 稱	學　　歷	研 究 專 長	分機
張　中 cchang	助理教授	台灣大學數學系學士(1996) 台灣大學數學系碩士(1998) 美國哥倫比亞大學生物統計博士(2008)	函數資料分析、影像分析、拔靴法、多重比較、存活分析、非線性無母數迴歸分析	3828
黃信元 hyhuang	助理教授	台灣大學數學系學士(2001) 台灣大學數學系碩士(2003) 美國明尼蘇達大學數學系博士(2011)	動態系統、天體力學、反應擴散方程	3824
黃皓瑋 hwhuag	助理教授	台灣大學數學系學士(2001) 清華大學數學系碩士(2003) 美國印第安納大學數學系博士(2012)	學子理論、自由機率、隨機矩陣	3825
姚任之 yaojc	合聘教授	台灣師範大學數學系學士(1981) 台灣師範大學數學所碩士(1984) 美國史丹福大學作業研究博士(1990)	動態規劃、數學規劃、作業研究	3816
銀慶剛 cking	合聘教授	國立清華大學統計所博士(1996)	統計選模、計量經濟、大樣本理論、高維資料分析、時間序列	3837
吳恭儉	合聘 助理教授	高雄師範大學數學系學士(2003) 清華大學數學系碩士(2005) 交通大學應用數學系博士(2010)	偏微分方程	3846 轉 251
洪芷漪 hongjyyi	約聘 助理教授	中山大學應用數學系學士(2001) 中山大學應用數學所碩士(2003) 美國愛荷華州立大學數學系博士(2011)	機率論、隨機過程	3813

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榮譽講座教授

姓 名	職 稱	學　　歷	研究專長
高橋涉 Wataru Takahashi	教授	東京工業大學科學博士(1971)	非線性分析
金芳蓉 Fan-Chung Graham	教授	賓州大學數學博士(1974)	譜圖理論、極值圖論、離散幾何、算法分析、網路賽局、網際計算及網路科學

兼任教師

姓 名	職 稱	學　　歷	研究專長	Office 分機 E-mail
林純穗	兼任 副教授	中山大學應用數學系碩士（1990） 中山大學應用數學系博士（2006）	機率論、數理統計	3846 轉 251 cslin@math.nsysu.edu.tw
李振多	兼任 講師	台灣大學數學系學士(1985) 美國亞利桑那大學統計所碩士(1991)	統計	3846 轉 252 leect@math.nsysu.edu.tw
歐神護	兼任 講師	高雄工學院應用數學系學士（1995） 中山大學應用數學系碩士（1997）	分析	3846 轉 252 liphumn@yahoo.com.tw

博士後研究員

姓名	期間	指導教授	分機
劉治能博士	105/08/01~106/07/31	黃毅青教授	3846 轉 281
朱基祥博士	105/08/01~106/07/31	羅夢娜教授	3846 轉 252

行政人員

姓名 E-mail	職稱	負責事務	分機
劉尚存 liust	助教	綜理系行政業務、各項經費報帳	3834
王秀英 sywang	技士	計算機系統管理、本系財產管理	3805
胡瓊文 hucw	助理	綜理教學業務、協助系行政業務	3801
胡瓊方 hucf	助理	綜理資優班相關業務、協助大學部教學事宜	3802
嚴嘉鳳 yencf	助理	圖書業務、辦理研討會	3849
盧月桃 luyt	服務員	收發公文及信件、清潔工作	3801

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近五年教師已發表之著作目錄

註: SCI 指 ISI 公司 Science Citation Index Database 光碟所收錄的期刊.
SSCI 指 ISI 公司 Social Scince Citation Index Database 所收錄的期刊.
SCI, SCIE 指 ISI 公司 Science Citation Index Expanded Database 所收錄的期刊.
NSYSU 指以中山大學具名發表.

羅夢娜教授 (Mong-Na Lo Huang) (72 年 8 月畢業，73 年 8 月到校)

(A) 期刊論文

1. Shih-Hao Huang, **Mong-Na Lo Huang**, Kainam Thomas Wong, and Tzu-Chiang Tseng. Copula - to model multi-channel fading by correlated but arbitrary weibull marginals, giving a closed- form outage probability of selection-combining reception. *Journal of Statistical Planning and Inference*, 9(15):1698–1705, 2015. [SCIE,NSYSU].
2. Shih-Hao Huang and **Mong-Na Lo Huang**. Robust designs for probability estimation in binary response experiments. *Journal of Statistical Planning and Inference*, 154:116–132, 2014. [SCIE,NSYSU].
3. Miao-Kuan Huang, **Mong-Na Lo Huang**, and Baisuo Jin. Exact D-optimal designs for a linear log contrast model with mixture experiment for three and four ingredients. *Journal of Statistical Planning and Inference*, 143(7):1213–1224, 2013. doi: 10.1016/j.jspi.2013.01.009. [SCIE,NSYSU].
4. Hsiang-Ling Hsu, **Mong-Na Lo Huang**, and Guo-Huai Chiou. Robust run order for uniform designs in simple linear regression with MA errors. *Utilias Mathematica*, 90:251–267, 2013. [SCIE,NSYSU].
5. Baisuo Jin and **Mong-Na Lo Huang**. Construction of ϕ_p-optimal exact designs with minimum experimental run size for a linear log contrast model in mixture experiments. *Biometrika*, 98:741–747, 2011. [SCIE,NSYSU].
6. Baisuo Jin, **Mong-Na Lo Huang**, and Baiqi Miao. Testing for variance changes in autoregressive models with unknown order. *Journal of Applied Statistics*, 38:927–936, 2011. [SCIE,NSYSU].

姚任之教授 (Jen-Chih Yao) (79 年 6 月畢業，80 年 8 月到校)

(A) 期刊論文

1. L. C. Ceng, Q. H. Ansari, A. Perrusel, and **Jen-Chih Yao**. Approximation methods for triple hierarchical variational inequalities (i). *Fixed Point Theory*, 16:67–90, 2015.
2. W. song, X. Xu, and **Jen-Chih Yao**. A note on the conditional numbers of convex sets. *Mathematical Programming*, 149:459–463, 2015.
3. X. M. Wang, C. Li, and **Jen-Chih Yao**. Subgradient projection algorithms for convex feasibility on riemannian manifolds with lower bounded curvatures. *Journal of Optimization Theory and Applications*, 164:202–217, 2015.
4. L. C. Ceng, S. Plubtieng, M. M. Wong, and **Jen-Chih Yao**. System of variational inequalities with constraints of mixed equilibria, variational inequalities, and convex minimization and
   xed point problems. *Journal of Nonlinear and Convex Analysis*, 16:385–421, 2015.
5. S. D. Lin, H. M. Srivastava, and **Jen-Chih Yao**. Some classes of generating relations associated with a family of the generalized gauss type hypergeometric functions. *Applied Mathematics & Information Sciences*, 9:1731–1738, 2015.
6. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Attractive points and mean convergence theorems for new generalized nonspreading mappings in banach spaces. *Contemporary Mathematics*, 636:225–248, 2015.
7. A. E. Mazrooei, B. A. Bin Dehaish, A. Latif, and **Jen-Chih Yao**. On general system of variational inequalities in banach spaces. *Journal of Nonlinear and Convex Analysis*, 16:639–658, 2015.
8. A. Bnouhachem, Q. H. Ansari, and **Jen-Chih Yao**. An iterative algorithm for hierarchical fixed point problems for a nite family of nonexpansive mappings. *Fixed Point Theory and Applications*, 2015. 2015:111.
9. Y. Su and **Jen-Chih Yao**. Further generalized contraction mapping principle and best prox-imity theorem in metric spaces. *Fixed Point Theory and Applications*, 2015. 2015:120.
10. Y. Yao, Y. C. Liou, and **Jen-Chih Yao**. Split common fixed point problem for two quasi-pseudo-contractive operators and its algorithm construction. *Fixed Point Theory and Applications*, 2015. 2015:127, doi: 10.1186/s13663-015-0376-4 [SCIE].
11. J. W. Chen, S. Li, Z. Wan, and **Jen-Chih Yao**. Vector variational-like inequalities with con-straints: Separation and alternative. *Journal of Optimization Theory and Applications*, 166:460–479, 2015.
12. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Attractive points and halpern-type strong convergence theorems in hilbert spaces. *Journal of Fixed Point Theory and Applications*, 17:301–311, 2015.

13. A. Latif, A. SM Alofi, A. E. Al-Mazrooei, and **Jen-Chih Yao**. Mann-type hybrid steepest-descent method for three nonlinear problems. *Journal of Inequalities and Applications*, 2015. 2015:282.

14. J. H. Wang, C. Li, and **Jen-Chih Yao**. Finite termination of inexact proximal point algorithms in hilbert spaces. *Journal of Optimization Theory and Applications*, 166:188–212, 2015.

15. P. Cubiotti and **Jen-Chih Yao**. A boundary value problem for implicit vector differential inclusions without assumptions of lower semicontinuity. *Boundary Value Problems*, 2015. 2015:93, 8 pp.

16. Y. Yao, Y. C. Liou, and **Jen-Chih Yao**. Finding the minimum norm common element of maximal monotone operators and nonexpansive mappings without involving projection. *Fixed Point Theory and Applications*, 16:835–854, 2015.

17. Y. Su, W. Gao, and **Jen-Chih Yao**. Generalized contraction mapping principle and generalized best proximity point theorems in probabilistic metric spaces. *Fixed Point Theory and Applications*, 2015. 2015:76, 20 pp.

18. W. Takahashi, H. K. Xu, and **Jen-Chih Yao**. Iterative methods for generalized split feasibility problems in hilbert spaces. *Set-Valued and Variational Analysis*, 23:205–221, 2015.

19. NT. Toan, QH. Ansari, and **Jen-Chih Yao**. Second-order necessary optimality conditions for a discrete optimal control problem. *Journal of optimization theory and applications*, 165(3):812–836, 2015. doi: 10.1007/s10957-014-0648-x [SCI].

20. DR. Sahu, QH. Ansari, and **Jen-Chih Yao**. The prox-tikhonov-like forward-backward method and applications. *Taiwanese Journal Of Mathematics*, 19(2):481–503, 2015. doi: 10.11650/tjm.19.2015.4972 [SCI].

21. JH. Wang, C. Li, G. Lopez, and **Jen-Chih Yao**. Convergence analysis of inexact proximal point algorithms on hadamard manifolds. *Journal Of Global Optimization*, 61(3):553–573, 2015. doi: 10.1007/s10898-014-0182-2 [SCI].

22. DC. Chang, JH. Wang, and **Jen-Chih Yao**. Newton's method for variational inequality problems: Smale's point estimate theory under the gamma-condition. *Applicable Analysis*, 94(1):44–55, 2015. doi: 10.1080/00036811.2013.854332 [SCI].

23. Lu-Chuan Ceng, Ngai-Ching Wong, and **Jen-Chih Yao**. Hybrid extragradient methods for finding minimum norm solutions of split feasibility problems. *J. Nonlinear and Convex Analysis*, 16(10):1965–1983, 2015. [SCI,NSYSU]IF: 0.976, 43/296 JCR2012 math.

24. W. Takahashi, NC. Wong, and **Jen-Chih Yao**. Strong convergence theorems for commutative families of linear contractive operators in banach spaces. *Journal Of Nonlinear And Convex Analysis*, 16(2):193–209, 2015. [SCI].

25. A. Lahmdani, O. Chadli, and **Jen-Chih Yao**. Existence of solutions for noncoercive hemivariational inequalities by an equilibrium approach under pseudomonotone perturbation. *Journal of Optimization Theory and Applications*, 160:49–66, 2014.

26. N. T. Toan and **Jen-Chih Yao**. Mordukhovich subgradients of the value function to a parametric discrete optimal control problem. *Journal of Global Optimization*, 58:595–612, 2014.

27. L. C. Ceng, A. Pertrusel, and **Jen-Chih Yao**. Composite viscosity approximation methods for equilibrium problem, variational inequality and common fixed points. *Journal of Nonlinear and Convex Analysis*, 15:219–240, 2014.

28. L. C. Ceng, N. C. Wong, and **Jen-Chih Yao**. Regularized hybrid iterative algorithms for triple hierarchical variational inequalities. *Journal of Inequalities and Applications*, 2014, 2014. 2014:490.

29. A. E. Al-Mazrooei, A. Latif, and **Jen-Chih Yao**. Solving generalized mixed equilibria, variational inequalities and constrained convex minimization. *Abstract and Applied Analysis*, 2014:26, 2014. Article ID 587865.

30. P. Cubiotti and **Jen-Chih Yao**. Implicit vector integral equations associated with discontinuous operators. *Abstract and Applied Analysis*, 2014:6, 2014. Article ID 301675.

31. L. C. Ceng, A. Perusel, M. M. Wong, and **Jen-Chih Yao**. Hybrid algorithms for solving variational inequalities, variational inclusions, mixed equilibria and fixed point problems. *Abstract and Applied Analysis*, 2014:22, 2014. Article ID 208717.

32. L. C. Ceng and **Jen-Chih Yao**. On the triple hierarchical variational inequalities with constraints of mixed equilibria, variational inclusions and systems of generalized equilibria. *Tamkang Journal of Mathematics*, 45(3):297–334, 2014.

33. A. E. Al-Mazrooei, A. S. M. Alofi, A. Latif, and **Jen-Chih Yao**. Generalized mixed equilibria, variational inclusions, and fixed point problems. *Abstract and Applied Analysis*, 2014:17, 2014. Article ID 251065.

34. O. Chadli, A.Lahmdani, and **Jen-Chih Yao**. Existence results for equilibrium problems with applications to evolution equations. *Applicable Analysis*, 94:1709–1735, 2014.

35. T. D. Chuong and **Jen-Chih Yao**. Isolated and proper effciencies in semi-infinite vector optimization problems. *Journal of Optimization Theory and Applications*, 162:447–462, 2014.

36. J. W. Peng and **Jen-Chih Yao**. Levitin-polyak well-posedness of the system of weak generalized vector equilibrium problems. *Fixed Point Theory*, 15(2):529–544, 2014.

37. P. Cubiotti and **Jen-Chih Yao**. Second-order implicit differential inclusions with discontinuous right-hand side. *Journal of Nonlinear and Convex Analysis*, 15:1193–1199, 2014.

38. L. C. Ceng, A. Latif, Q. H. Ansari, and **Jen-Chih Yao**. Hybrid extragradient method for hierarchical variational inequalities. *Fixed Point Theory and Applications 2014*, 2014.

39. L. C. Ceng, S. M. Guu, and **Jen-Chih Yao**. Hybrid methods with regularization for minimization problems and asymptotically strict pseudocontractive mappings in the intermediate sense. *Journal of Optimization Theory and Applications*, 60:617–634, 2014.

40. L. C. Ceng, D. R. Sahu, and **Jen-Chih Yao**. A uni

    ed extragradient method for systems of hierarchical variational inequalities in a hilbert space. *Journal of Inequalities and Applications 2014*, 2014. 2014:460.

41. LC. Ceng, NC. Wong, and **Jen-Chih Yao**. Regularized hybrid iterative algorithms for triple hierarchical variational inequalities. *Journal Of Inequalities And Applications*, 2014(2):193–209, 2014. doi: 10.1186/1029-242X-2014-490 [SCI].

42. W. Takahashi, NC. Wong, and **Jen-Chih Yao**. Attractive point and mean convergence theorems for semigroups of mappings without continuity in banach spaces. *Journal Of Nonlinear And Convex Analysis*, 16(1-2):203–227, 2014. doi: 10.1007/s11784-014-0208-x [SCI].

43. Z. Wei, **Jen-Chih Yao**, and X. Y. Zheng. Strong abadie cq, acq, calmness and linear regularity. *Mathematical Programming*, 145(1-2):97–131, 2014. doi: 10.1007/s10107-013-0641-4 [SCI].

44. **Jen-Chih Yao** G. Marino, H. K. Xu, and Y. C. Liou. Construction of minimum-norm fixed points of pseudocontractions in hilbert spaces. *Journal Of Inequalities And Applications*, 2014. doi: 10.1186/1029-242X-2014-206 [SCI].

45. E. Naraghirad, W. Talahashi, and **Jen-Chih Yao**. Strong convergence of projection methods for bregman asymptotically quasi-nonexpansive mappings and equilibrium problems in banach spaces. *Pacific Journal Of Optimization*, 10(2):321–342, 2014. [SCI].

46. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Nonlinear ergodic theorem for positively homogeneous nonexpansive mappings in banach spaces. *Numerical Functional Analysis And Optimization*, 35(1):85–98, 2014. doi: 10.1080/01630563.2013.809737 [SCI].

47. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Attractive point and mean convergence theorems for semigroups of mappings without continuity in hilbert spaces. *Journal Of Nonlinear And Convex Analysis*, 15(6):1087–1103, 2014. [SCI].

48. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Nonlinear ergodic theorem for commutative families of positively homogeneous nonexpansive mappings in banach spaces and applications. *Journal Of Convex Analysis*, 21(2):535–552, 2014. [SCI].

49. J. L. Li, C. Li, N. C. Wong, and **Jen-Chih Yao**. Recent development in fixed-point theory, optimization, and their applications. *Abstract And Applied Analysis*, 2014. doi: 10.1155/2014/293463 [SCI].

50. N. Q. Huy, M. M. Wong, and **Jen-Chih Yao**. Necessary optimality condition and stability in nonlinear semi-infinite optimization. *Journal Of Nonlinear And Convex Analysis*, 15(4):765–785, 2014. [SCI].

51. A. M. Peralta, C. K. Ng, N. C. Wong, and **Jen-Chih Yao**. Preserver problems on function spaces, operator algebras, and related topics. *Abstract And Applied Analysis*, 2014. [SCI].

52. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Weak and strong convergence theorems for commutative families of positively homogeneous nonexpansive mappings in banach spaces. *Journal Of Nonlinear And Convex Analysis*, 15(3): 557–572, 2014. [SCI].

53. E. Naraghirad, N. C. Wong, and **Jen-Chih Yao**. Applications of bregman-opial property to bregman nonspreading mappings in banach spaces. *Abstract And Applied Analysis*, 15, 2014. doi: 10.1155/2014/272867 [SCI].

54. X. X. Huang and **Jen-Chih Yao**. Characterizations of the nonemptiness and compactness for solution sets of convex set-valued optimization problems. *Journal of Global Optimization*, 55:611–626, 2013. [SCI].

55. L. C. Ceng and **Jen-Chih Yao**. Existence theorems for generalized set-valued mixed (quasi-)variational inequalities in Banach spaces. *Journal of Global Optimization*, 55:27–51, 2013. [SCI].

56. N. V. Loi, V. Obukhovskii, and **Jen-Chih Yao**. A bifurcation of solutions of nonlinear fredholm inclusions involving cj-multimaps with applications to feedback control systems. *Set-Valued and Variational Analysis*, 21:247–269, 2013. [SCI,NSYSU].

57. D. T. Chuong and **Jen-Chih Yao**. Fréchet subdifferentials of effcient point multifunctions in parametric vector optimization. *Journal of Global Optimization*, 2013. (to appear) [SCI].

58. D. H. Fang, G. M. Lee, C. Li, and **Jen-Chih Yao**. Extended farkas's lemmas and strong lagrange dualities for dc infinite programmings. *Journal of Nonlinear and Convex Analysis*, 2013. (to appear) [SCI].

59. L. C. Ceng, Q. H. Ansari, A. Petruşel, and **Jen-Chih Yao**. Approximation methods for triple hierarchical variational inequalities. *Fixed Point Theory*, 2013. (to appear) [SCI].

60. R. Ahmad, M. Akram, and **Jen-Chih Yao**. Generalized monotone mapping with an application for solving a variational inclusion problem. *Journal of Optimization Theory and Applications*, 157:324–346, 2013. [SCI].

61. Z. Wei, X. Y. Zheng, and **Jen-Chih Yao**. Strong Abadie CQ, ACQ, calmness and linear regularity. *Mathematical Programming, Series A*, 2013. (to appear) [SCI].

62. D. R. Sahu, N. C. Wong, and **Jen-Chih Yao**. A unified hybrid iterative method for solving variational inequalities involving generalized pseudo-contractive mappings. *SIAM Journal on Control and Optimization*, 50:2335–2354, 2012. [SCI].

63. W. Takahashi, N. C. wong, and **Jen-Chih Yao**. Two generalized convergence theorems of halpern's type in hilbert spaces and applications. *Taiwanese Journal of Mathematics*, 16:1151–1172, 2012. [SCI].

64. L. C. Zeng, M. M. Wong, and **Jen-Chih Yao**. Strong convergence of relaxed hybrid steepestdescent methods for triple hierarchical constrained optimization. *Fixed Point Theory and Applications*, 2012. 2012:29, doi: 10.1186/1687-1812-2012-29. [SCI].

65. L. C. Ceng, Q. H. Ansari, N. C. Wong, and **Jen-Chih Yao**. Implicit iterative method for hierarchical variational inequalities. *Journal of Applied Mathematics*, 2012:14, 2012. Article ID 472935, 14 pages, doi:10.1155/2012/472935. [SCI].

66. T. D. Ke, V. Obukhovskii, N. C. Wong, and **Jen-Chih Yao**. On semilinear integro-differential equations with nonlocal conditions in Banach spaces. *Abstract and Applied Analysis*, page 26, 2012. Article ID 137576, 26 pages, doi: 10.1155/2012/137576. [SCI].

67. Y. Yao, Y. C. Liou, M. M. Wong, and **Jen-Chih Yao**. Hierarchical convergence to the zero point of maximal monotone operators. *Fixed Point Theory*, 13:293–306, 2012. [SCI].

68. L. C. Ceng, A. Petruşel, and **Jen-Chih Yao**. Multi-step hybrid iterative method for triple hierarchical variational inequality problem with equilibrium problem constrain. *Journal of Nonlinear and Convex Analysis*, 13(SI):475–502, 2012. [SCI,NSYSU].

69. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Fixed point theorems and convergence theorems for generalized nonspreading mappings in Banach spaces. *Journal of Fixed Point Theory and Applications*, 11:159–183, 2012. [SCI].

70. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Mann type iterative methods for finding a common solution of split feasibility and fixed point problems. *Positivity*, 16(SI):471–495, 2012. [SCI].

71. M. H. Hsu, W. Takahashi, and **Jen-Chih Yao**. Generalized hybrid mappings in hilbert spaces and Banach spaces. *Taiwanese Journal of Mathematics*, 16:129–149, 2012. [SCI].

72. F. Giannessi, G. Mastroeni, and **Jen-Chih Yao**. On maximum and variational principles via image space analysis. *Positivity*, 16(SI):405–427, 2012. [SCI].

73. X. P. Ding, Y. C. Liou, and **Jen-Chih Yao**. Existence and algorithms for bilevel generalized mixed equilibrium problems in Banach spaces. *Journal of Global Optimization*, 53:331–346, 2012. [SCI].

74. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. An extragradient method for solving split feasibility and fxed point problems. *Computers and Mathematics with Applications*, 64:633–642, 2012. [SCI].

75. R. Ahmad, M. Dilshad, and **Jen-Chih Yao**. Mixed variational inclusions involving infnite family of fuzzy mappings. *Iranian Journal of Fuzzy Systems*, 9:125–135, 2012. [SCI].

76. E. Naraghirad, W. Takahashi, and **Jen-Chih Yao**. Generalized retraction and fixed point theorems using bregman functions in Banach spaces. *Journal of Nonlinear and Convex Analysis*, 13:141–156, 2012. [SCI].

77. T. D. Chuong and **Jen-Chih Yao**. Steepest decent methods for critical points in vector optimization problems. *Applicable Analysis*, 91:1811–1829, 2012. [SCI].

78. T. D. Ke, V. Obukhovskii, N. C. Wong, and **Jen-Chih Yao**. Approximate controllability for systems governed by nonlinear volterra type equations. *Differential Equations and Dynamical Systems*, 20:35–52, 2012.

79. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Relaxed extragradient methods for finding minimum-norm solutions of the split feasibility problem. *Nonlinear Analysis Series A: Theory, Methods & Applications*, 75:2116–2125, 2012. [SCI].

80. N. D. Giang, N. Q. Huy, and **Jen-Chih Yao**. Subdifferential of optimal value functions in nonlinear infinite programming. *Applied Mathematics and Optimization*, 65:91–109, 2012. [SCI,NSYSU].

81. L. C. Ceng, Q. H. Ansari, S. Schaible, and **Jen-Chih Yao**. Hybrid viscosity approximation method for zeros of m-accretive operators in Banach spaces. *Numerical Functional Analysis and Optimization*, 32:142–165, 2012. [SCI,NSYSU].

82. M. Li, C. Li, and **Jen-Chih Yao**. Limiting subdifferentials of perturbed distance functions in banach spaces. *Nonlinear Analysis Series A: Theory, Methods & Applications*, 75:1483–1495, 2012. [SCI,NSYSU].

83. J. H. Wang, **Jen-Chih Yao**, and C. Li. Gauss-newton method for convex composite optimizations on riemannian manifolds. *Journal of Global Optimization*, 53:5–28, 2012. [SCI,NSYSU].

84. W. Takahashi and **Jen-Chih Yao**. Strong convergence theorems by hybrid methods for countable families of nonlinear operators in Banach spaces. *Journal of Fixed Point Theory and Applications*, 11:333–353, 2012. [SCI].

85. B. T. Kien, N. C. Wong, and **Jen-Chih Yao**. Necessary conditions for multiobjective optimal control problems with state constraints. *Dynamics of Continuous, Discrete & Impulsive Systems, Series B: Applications & Algorithms*, 19:431–446, 2012.

86. B. T. Kien, T. N. Thi, M. M. Wong, and **Jen-Chih Yao**. Lower semicontinuity of the solution mapping to a parametric optimal control problem. *SIAM Journal on Control and Optimization*, 50:2889–2906, 2012. [SCI].

87. L. C. Ceng, N. C. Wong, and **Jen-Chih Yao**. Strong and weak convergence theorems for an infinite family of nonexpansive mappings and applications. *Journal of Fixed Point Theory and Applications*, 2012. 2012:117, doi: 10.1186/1687-1812-2012-117. [SCI].

88. L. C. Ceng, S. M. Guu, and **Jen-Chih Yao**. Hybrid iterative method for finding common solutions of generalized mixed equilibrium and fixed point problems. *Fixed Point Theory and Applications*, 2012. 2012:92, doi: 10.1186/1687-1812-2012-92. [SCI].

89. C. Li and **Jen-Chih Yao**. Variational inequalities for set-valued vector fields on riemannian manifolds: convexity of the solution set and the proximal point algorithm. *SIAM Journal on Control and Optimization*, 50:2486–2514, 2012. [SCI].

90. L. C. Ceng, Q. H. Ansari, M. M. Wong, and **Jen-Chih Yao**. Mann type hybrid extragradient method for variational inequalities, variational inclusions and fixed point problems. *Fixed Point Theory*, 13:403–422, 2012. [SCI].

91. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Fixed point theorems for three new nonlinear mappings in Banach spaces. *Journal of Nonlinear and Convex Analysis*, 13:363–382, 2012. [SCI].

92. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Attractive point and weak convergence theorems for new generalized hybrid mappings in hilbert spaces. *Journal of Nonlinear and Convex Analysis*, 13:745–757, 2012. [SCI].

93. L. C. Ceng, N. C. Wong, and **Jen-Chih Yao**. Well-posedness for a class of strongly mixed variational-hemivariational inequalities with perturbations. *Journal of Applied Mathematics*, 2012. doi: 10.1155/2012/712306. [SCI].

94. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Iterative common solutions for monotone inclusion problems, fixed point problems and equilibrium problems. *Fixed Point Theory and Applications*, 2012. doi: 10.1186/1687-1812-2012-181. [SCI].

95. R. Ahmad, M. Dilshad, M. M. Wong, and **Jen-Chih Yao**. Generalized set-valued variational-like inclusions involving $h(.,.)$-eta-cocoercive operator in banach spaces. *Journal of Inequalities and Applications*, 2012. doi: 10.1186/1029-242X-2012-149. [SCI, NSYSU].

96. W. Takahashi, N. C. Wong, and **Jen-Chih Yao**. Weak and strong convergence theorems for extended hybrid mappings in hilbert spaces. *Journal of Nonlinear and Convex Analysis*, 12:553–575, 2011. [SCI].

97. L. C. Ceng and **Jen-Chih Yao**. Strong convergence theorems for variational inequalities and fixed point problems of asymptotically strict pseudocontractive mappings in the intermediate sense. *Acta Appl Math*, 115:167–191, 2011. [SCI].

98. L. C. Ceng, **Jen-Chih Yao**, and Q. H. Ansari. On generalized vector mixed variational-like inequalities with complete semicontinuity, dynamics of continuous. *Discrete and Impulsive Systems, Ser. B: Applications and Algorithms*, 18:727–747, 2011. [SCI,NSYSU].

99. Nguyen Huy Chieu and **Jen-Chih Yao**. Characterization of convexity for a piecewise c^2 function by the limiting second-order subdifferential. *Taiwanese Journal of Mathematics*, 15:31–42, 2011. [SCI,NSYSU].

100. Y. Yao, Y. C. Liou, and **Jen-Chih Yao**. New relaxed hybrid-extragradient method for fixed point problems, a general system of variational inequality problems and generalized mixed equilibrium problems. *Optimization*, 60(3):395–412, 2011. [SCI,NSYSU].

101. J. W. Peng and **Jen-Chih Yao**. An outer approximation method for generalized equilibrium problems, fixed point problems and variational inequality problems. *Pacific Journal of Optimization*, 7:109–124, 2011. [SCI,NSYSU].

102. W. Takahashi and **Jen-Chih Yao**. Fixed point theorems and ergodic theorems for nonlinear mappings in Hilbert spaces. *Taiwanese Journal of Mathematics*, 15:457–472, 2011. [SCI].

103. L. C. Ceng, A. Petruşel, and **Jen-Chih Yao**. Iterative approximation of fixed points for asymptotically strict pseudocontractive type mappings in the intermediate sense. *Taiwanese Journal of Mathematics*, 15:587–606, 2011. [SCI].

104. W. Takahashi and **Jen-Chih Yao**. Nonlinear operators of monotone type and convergence theorems with equilibrium problems in Banach spaces. *Taiwanese Journal of Mathematics*, 15:787–818, 2011. [SCI].

105. L. C. Ceng, Q. H. Ansari, S. Siegfried, and **Jen-Chih Yao**. Iterative methods for generalized equilibrium problems, systems of general equilibrium problems and fixed point problems for nonexpansive mappings in hilbert spaces. *Fixed Point Theory*, 12(2):293–308, 2011. [SCI].

106. W. Takahashi and **Jen-Chih Yao**. Weak and strong convergence theorems for positively homogenuous nonexpansive mappings in Banach spaces. *Taiwanese Journal of Mathematics*, 15:961–980, 2011. [SCI].

107. Y. Yao, Y. C. Liou, and **Jen-Chih Yao**. Algorithms for approximating minimization problems. *Fixed Point Theory*, 12:217–232, 2011. [SCI,NSYSU].

108. T. D. Ke, V. Obukhovskii, N. C. Wong, and **Jen-Chih Yao**. An abstract cauchy problem for higher order functional differential inclusions with infnite delay. *Discussiones Mathematicae: Differential Inclusions, Control and Optimization*, 31:199–229, 2011.

109. W. Takahashi and **Jen-Chih Yao**. Weak convergence theorems for generalized hybrid mappings in Banach spaces. *Journal of Nonlinear Analysis and Optimization*, 2, 2011.

110. L. C. Ceng, S. Y. Guu, H. Y. Hu, and **Jen-Chih Yao**. Hybrid shrinking projection method for a generalized equilibrium problem, a maximal monotone operator and a countable family of relatively nonexpansive mappings. *Computer and Mathematics with Applications*, 61(9):2468–2479, 2011. [SCI].

111. L. C. Ceng, S. Y. Guu, and **Jen-Chih Yao**. A general composite iterative algorithm for nonexpansive mappings in hilbert spaces. *Computer and Mathematics with Applications*, 61(9):2447–2455, 2011. [SCI].

112. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Iterative methods for triple hierarchical variational inequalities in hilbert spaces. *Journal of Optimization Theory and Applications*, 151:489–512, 2011. [SCI].

113. X. W. Xue, S. J. Li, C. M. Liao, and **Jen-Chih Yao**. Sensitivity analysis of parametric vector set-valued optimization problems via coderivatives. *Taiwanese Journal of Mathematics*, 15:2533–2554, 2011. [SCI].

114. Eskandar Naraghirad, Ngai-Ching Wong, and **Jen-Chih Yao**. Strong convergence theorems by a hybrid extragradient-like approximation method for asymptotically nonexpansive mappings in the intermediate sense in hilbert spaces. *Journal of Inequalities and Applications*, 2011. 2011:119, doi:10.1186/1029-242X-2011-119. [SCI].

115. O. Chadli, H. Mahdioui, and **Jen-Chih Yao**. Bilevel mixed equilibrium problems in Banach spaces: Existence and algorithmic aspects. *Numerical Algebra, Control and Optimization*, 1:549–561, 2011.

116. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Extragradient-projection method for solving constrained convex minimization problems. *Numerical Algebra, Control and Optimization*, 1:341–359, 2011.

117. Y. Yao, Y. C. Liou, M. M. Wong, and **Jen-Chih Yao**. Strong convergence of a hybrid method for monotone variational inequalities and fixed point problem. *Fixed Point Theory and Applications*, 2011, 2011. 2011:53, doi: 10.1186/1687-1812-2011-53. [SCI].

118. Rais Ahmad, Mohd Dilshad, Mu-Ming Wong, and **Jen-Chih Yao**. H(·,·)-cocoercive operator and an application for solving generalized variational inclusions. *Abstract and Applied Analysis*, 2011, 2011. Article ID 261534, 12 pages, doi: 10.1155/2011/261534. [SCI,NSYSU].

119. Chong Li, Boris S. Mordukhovich, and Jinhua Wang **Jen-Chih Yao**. Weak sharp minima on riemannian manifolds. *SIAM Journal on Optimization*, 21(4):1523–1560, 2011. [SCI].

120. N. Q. Huy, M. M. Wong, and **Jen-Chih Yao**. Necessary optimality condition and stability in nonlinear semi-infinite optimization. *Journal of Nonlinear and Convex Analysis*, 2011. (to appear).

121. Xian-Fa Luo, Chong Li, Hong-Kun Xu, and **Jen-Chih Yao**. Existence of best simultaneous approximations in $l_p(s;\sigma;x)$. *Journal of Approximation Theory*, 163:1300–1316, 2011. [SCI].

122. T. D. Ke, V. Obukhovskii, N. C. Wong, and **Jen-Chih Yao**. On a class of fractal order differential inclusions with infinite delays. *Applicable Analysis*, 2011. (to appear).

123. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Some iterative methods for finding fixed points and for solving constrained convex minimization problems. *Nonlinear Analysis Series A: Theory, Methods & Applications*, 74:5286–5302, 2011. [SCI].

124. L. C. Zeng, Q. H. Ansari, N. C. Wong, and **Jen-Chih Yao**. An extragradient-like approximation method for variational inequalities and fixed point problems. *Fixed Point Theory and Applications*, 2011, 2011. 2011:22 doi:10.1186/1687-1812-2011-22.[SCI,NSYSU].

125. L. C. Zeng, Ching-Feng Wen, and **Jen-Chih Yao**. An implicit hierarchical fixed-point approach to general variational inequalities in hilbert spaces. *Fixed Point Theory and Applications*, 2011, 2011. Article ID 748918, doi: 10.1155/2011/748918. [SCI].

126. P. Q. Khanh, H. T. Quyen, and **Jen-Chih Yao**. Optimality conditions under relaxed quasiconvexity assumptions using star and adjusted subdifferentials. *European Journal of Operational Research*, 212:235–241, 2011. [SCI].

127. L. C. Ceng, Q. H. Ansari, and **Jen-Chih Yao**. Relaxed extragradient iterative methods for variational inequalities. *Applied Mathematics and Computation*, 218:1112–1123, 2011. [SCI].

128. T. D. Chuong, A. Kruger, and **Jen-Chih Yao**. Calmness of efficient solution maps in parametric vector optimization. *Journal of Global Optimization*, 51:677–688, 2011. [SCI].

129. Y. Kimura, W. Takahashi, and **Jen-Chih Yao**. Strong convergence of an iterative scheme by a new type of projection method for a family of quasinonexpansive mappings. *Journal of Optimization Theory and Applications*, 149:239–253, 2011. [SCI,NSYSU].

130. L. C. Ceng, S. M. Guu, and **Jen-Chih Yao**. Finding common solutions of a variational inequality, a general system of variational inequalities and a fixed point problem via a hybrid extragradient method. *Fixed Point Theory and Applications*, 2011, 2011. Article ID 626159, 22 pages doi:10.1155/2011/626159.[SCI,NSYSU].

131. D. R. Sahu and **Jen-Chih Yao**. The prox-tikhonov regularization method for the proximal point algorithm in Banach spaces. *Journal of Global Optimization*, 51:641–655, 2011. [SCI,NSYSU].

132. J. Li and **Jen-Chih Yao**. The existence of maximum and minimum solutions to general variational inequalities in hilbert lattices. *Fixed Point Theory and Applications*, 2011, 2011. Article ID 904320, 19 pages, doi: 10.1155/2011/904320. [SCI,NSYSU].

133. D. R. Sahu, N. C.Wong, and **Jen-Chih Yao**. A generalized hybrid steepest-descent method for variational inequalities in Banach spaces. *Fixed Point Theory and Applications*, 2011. Article ID 754702. doi:10.1155/2011/754702. [SCI,NSYSU].

134. T. D. Chuong, B. Mordukhovich, and **Jen-Chih Yao**. Hybrid approximate proximal algorithms for efficient solutions in vector optimization. *Journal of Nonlinear and Convex Analysis*, 12:257–286, 2011. [SCI].

135. T. D. Chuong and **Jen-Chih Yao**. Isolated calmness of efficient point multifunctions in parametric vector optimization. *Journal of Nonlinear and Convex Analysis*, 2011. (to appear).

136. M. Hojo. W. Takahashi and **Jen-Chih Yao**. Weak and strong mean convergence theorems for super hybrid mappings in hilbert spaces. *Fixed Point Theory*, 12:113–126, 2011. [SCI,NSYSU].

137. X. F. Luo, C. Li, and **Jen-Chih Yao**. Anisotropic best τ_c-approximation in normed spaces. *Optimization*, 60(SI): 725–738, 2011. [SCI,NSYSU].

138. N. Q. Huy and **Jen-Chih Yao**. Semi-infinite optimization under convex function perturbations: Lipschitz stability. *Journal of Optimization Theory and Applications*, 148:237–256, 2011. [SCI,NSYSU].

139. W. Takahashi and **Jen-Chih Yao**. Strong convergence theorems by hybrid methods for nonexpansive mappings with equilibrium problems in Banach spaces. *Advances in Mathematical Economics*, 14:197–218, 2011.

140. Q. H. Ansari, L. C. Ceng, and **Jen-Chih Yao**. Extended b-well-posedness and property (h) for compositely set-valued vector optimization under perturbation. *Proceedings of The 9th International Conference on Fixed Point Theory and its Applications*, 2011. (to appear).

141. T. P. Petru, A. Petruşel, and **Jen-Chih Yao**. Ulam-hyers stability for operational equations and inclusions via nonself operators. *Taiwanese Journal of Mathematics*, 15:2195–2212, 2011. [SCI].

142. N. D. Yen and **Jen-Chih Yao**. Monotone affine vector variational inequalities. *Optimization*, 60:53–68, 2011. [SCI,NSYSU].

143. V. Obukhovskii and **Jen-Chih Yao**. On impulsive functional differential inclusions with hille-yosida operators in Banach spaces. *Nonlinear Analysis Series A: Theory, Methods & Applications*, 73(6):1715–1728, 2011. [SCI,NSYSU].

144. Al-Homidan, Q.H. Ansari, and **Jen-Chih Yao**. Collectively fixed point and maximal element theorems in topological semilattice spaces. *Applicable Analysis*, 90(6):865–888, 2011. [SCI,NSYSU].

145. Y. Yao, Y. C. Liou, and **Jen-Chih Yao**. Algorithms for finding minimum norm solution of equilibrium and fixed point problems for nonexpansive semigroups in hilbert spaces. *Journal of Nonlinear and Convex Analysis*, 2011. (to appear).

146. N. H. Chieu, T. D. Chuong, N. D. Yen, and **Jen-Chih Yao**. Characterizing convexity of a function by its fréchet and limiting second-order subdifferentials. *Set-Valued and Variational Analysis*, 19:75–96, 2011. [SCI,NSYSU].

147. V. Obukhovskii and **Jen-Chih Yao**. Special issue: International symposium on optimization and optimal control, february 2-6, 2009 preface. *Optimization*, 60(6,SI):643–643, 2011. doi: 10.1080/02331934.2011.568090. [SCI, NSYSU].

148. D. C. Chang, B. S. Mordukhovich, and **Jen-Chih Yao**. Variational analysis and related topics: preface. *Applicable Analysis*, 90(6,SI):861–864, 2011. Article no: PII 937570661. doi: 10.1080/00036811.2010.499857. [SCI, NSYSU].

黃毅青教授 (Ngai-Ching Wong) (80 年 8 月畢業，80 年 8 月到校)

(A) 期刊論文

1. Chi-Keung Ng Chi-Wai Leung and **Ngai-Ching Wong**. Transition probability of normal states determine the Jordan structure of a quantum system. *Journal of Mathematical Physics*, 57(1), 2016. DOI: 10.1063/1.4936404. [SCI,NSYSU] IF: 1.234, 25/53 JCR2015 physics, math.

2. Ya-Shu Wang and **Ngai-Ching Wong**. Orthogonally additive and multiplicative polynomials and holomorphic maps between fourier algebras. *Quarterly Journal of Mathematics*, 67(1):125–136, 2016. [SCI,NSYSU] IF: 0.853, 80/312 JCR2015 math.

3. Ming-Hsiu Hsu and **Ngai-Ching Wong**. Isometries of real hilbert C*-modules. *Journal of Mathematical Analysis and Applications*, 438(2):807–827, 2016. [SCI,NSYSU] IF: 1.014, 56/312 JCR2015 math.

4. Qingying Bu, Ming-Hsiu Hsu, and **Ngai-Ching Wong**. Orthogonally additive holomorphic maps between C*-algebras. *Studia Math.,* in press.

5. Man-Chung Ng and **Ngai-Ching Wong**. A non-compact approach to the duality between prior beliefs and trading demands. *J. Economics Theory.*

6. Yiu-Tung Poon, tin Yau Tam, and **Ngai-Ching Wong**. Preface. *Linear & Multilinear Algebra*, 64(1):1–1, 2016. [SCI,NSYSU] IF: 0.761, 104/312 JCR2015 math.

7. Yonghong Yao, Yeong-Cheng Liou, Tsung-Lin Lee, and **Ngai-Ching Wong**. An iterative algorithm based on the implicit midpoint rule for nonexpansive mappings. *Journal of Nonlinear and Convex Analysis*, 17(4):655–668, 2016. [SCI,NSYSU] IF: 0.691, 124/312 JCR2015 math, 157/254 math, applied.
8. Wen-Fong Ke, King-Fai Lai, Tsung-Lin Lee, and **Ngai-Ching Wong**. Preconditioning random toeplitz systems. *Journal of Nonlinear and Convex Analysis*, 17(4):757–770, 2016. [SCI,NSYSU] IF: 0.691, 124/312 JCR2015 math, 157/254 math, applied.
9. Wen-Fong Ke, King-Fai Lai, Tsung-Lin Lee, and **Ngai-Ching Wong**. Random toeplitz operators and eigenvalue distributions. *J. Nonlinear and Convex Analysis.*in press, 2015. [SCI,NSYSU] IF: 0.976, 43/296 JCR2012 math.
10. Chi-Wai Leung*, Chi-Keung Ng, and **Ngai-Ching Wong**. On a notion of closeness of groups. *Ann. Funct. Anal.*, 7(1):24–32, 2016. [SCI,NSYSU] IF: 0.492, 208/312 JCR2015 math, 212/254 math, applied.
11. Chi-Keung Ng and **Ngai-Ching Wong***. Comparisons of equivalence relations on open projections. *J. Operator Theory*, 74(Issue 1):101–123, 2015. [SCI,NSYSU].
12. Qingying Bu*, Donghai Ji, and **Ngai-Ching Wong**. Weak sequential completeness of spaces of homogeneous polynomials. *Journal Of Mathematical Analysis And Applications*, 427(2):1119–1130, 2015. [SCI,NSYSU].
13. Chi-Kwong Li, Ming-Cheng Tsai*, Kuo-Zhong Wang, and **Ngai-Ching Wong**. The spectrum of the product of operators, and the product of their numerical ranges. *Linear Algebra And Its Applications*, pages 487–499, 2015. [SCI,NSYSU].
14. Dijana Ilisevic, Chih-Neng Liu, and **Ngai-Ching Wong***. When the average of composition operators being a projection. *Journal Of Nonlinear And Convex Analysis*, 16(7):1353–1362, 2015. [SCI,NSYSU].
15. Wataru Takahashi*, **Ngai-Ching Wong**, and Jen-Chih Yao. Strong convergence theorems for commutative families of linear contractive operators in Banach space. *J. Nonlinear and Convex Analysis*, 16(2):193–209, 2015. [SCI,NSYSU]IF: 0.976, 43/296 JCR2012 math.
16. Wataru Takahashi*, **Ngai-Ching Wong**, and Jen-Chih Yao. Attractive points and Halpern's type strong convergence theorems in Hilbert spaces. *Journal of Fixed Point Theory and Applications,* in press, 17:301–311, 2015. [SCI,NSYSU] IF: 0.762, 79/245 JCR2012 math.
17. Antonio M. Peralta, Chi-Keung Ng, **Ngai-Ching Wong**, and Jen-Chih Yao. Preserver problems on function spaces, operator algebras, and related topics. *Abstract And Applied Analysis*, 2014. [SCI,NSYSU].
18. Eskandar Naraghirad, **Ngai-Ching Wong**, and Jen-Chih Yao. Applications of Bregman-Opial property to Bregman nonspreading mappings in banach spaces. *Abstract And Applied Analysis*, 2014. [SCI,NSYSU].
19. Lu-Chuan Ceng, **Ngai-Ching Wong**, and Jen-Chih Yao. Hybrid extragradient methods for finding minimum norm solutions of split feasibility problems. *J. Nonlinear and Convex Analysis*, 16(10):1965–1983, 2015. [SCI,NSYSU]IF: 0.976, 43/296 JCR2012 math.
20. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Attractive point and mean convergence theorems for semigroups of mappings without continuity in Banach spaces. *Journal of Fixed Point Theory and Applications*, 16(1-2): 203–227, 2014. [SCI,NSYSU]IF: 0.762, 79/245 JCR2012 math.
21. Lu-Chuan Ceng, **Ngai-Ching Wong***, and Jen-Chih Yao. Regularized hybrid iterative algorithms for triple hierarchical variational inequalities. *Journal Of Inequalities And Applications*, 2014. doi:10.1186/1029-242X-2014-490. [SCI,NSYSU].
22. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Attractive point and mean convergence theorems for semigroups of mappings without continuity in Hilbert spaces. *J. Nonlinear and Convex Analysis*, 15(6):1087–1103, 2014. [SCI,NSYSU]IF: 0.976, 43/296 JCR2012 math.
23. David Li-Wei Kuo, Ming-Cheng Tsai, **Ngai-Ching Wong**, and Jun Zhang. Maps preserving schatten p-norms of convex combinations. *Abstract and Applied Analysis,* in press, 2014, 2014. IF: 1.102, 30/296 JCR2012 math.
24. Eskandar Naraghirad*, **Ngai-Ching Wong**, and Jeh-Ching Yao. Applications of the Bregman-Opial property to Bregman nonspreading mappings. *Abstract and Applied Analysis,* in press, 2014, 2014. [SCI,NSYSU] IF: 1.102, 30/296 JCR2012 math.
25. Wataru Takahashi*, **Ngai-Ching Wong**, and Jeh-Ching Yao. Nonlinear ergodic theorem for commutative families of positively homogeneous nonexpansive mappings in Banach spaces. *Numerical Functional Analysis and Optimization,* in press, 35(1):85–98, 2014. [SCI,NSYSU].
26. Qinying Bu, Chingjou Liao, and **Ngai-Ching Wong**. Orthogonally additive and orthogonally multiplicative holomorphic functions of matrices. *Ann. Funct. Anal,* in press, 5(2):80–89, 2014. [SCI,NSYSU].
27. Wataru Takahashi*, **Ngai-Ching Wong**, and Jeh-Ching Yao. Nonlinear ergodic theorem for positively homogeneous nonexpansive mapping in Banach spaces and applications. *J. Convex Analysis,* in press, 21(2):535–552, 2014. [SCI,NSYSU].
28. Wataru Takahashi*, **Ngai-Ching Wong**, and Jeh-Ching Yao. Weak and strong convergence theorem for commutative families of positively homogeneous nonexpansive mappings in Banach spaces. *J. Nonlinear and Convex Analysis,* in press, 15(3):557–572, 2014. [SCI,NSYSU] IF: 0.976, 43/296 JRC2012 math.

29. Chi-Wai Leung, Chi-Keung Ng, and **Ngai-Ching Wong**. Linear orthogonality preservers of Hilbert C*-modules. *J. Operator Theory,* in press, 71(2):571–584, 2014. [SCI,NSYSU] IF: 0.565, 148/296 JCR2012 math.

30. Lei Li* and **Ngai-Ching Wong**. Kaplansky theorem for completely regular spaces. *Proc. Amer. Math. Soc.,* in press, 142(4):1381–1389, 2014. [SCI,NSYSU] IF: 0.609, 128/296 JCR2012 math.

31. Jinlu Li, Chong Li, **Ngai-Ching Wong**, and Jen-Chih Yao. Recent development in fixed-point theory, optimization, and their applications. *Abstract And Applied Analysis*, 2014. [SCI,NSYSU].

32. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Fixed point theorems for new generalized hybrid mappings in Hilbert spaces and applications. *Taiwanese J. Math.,* in press, 17(5):1597–1611, 2013. [SCI,NSYSU] IF: 0.670, 110/296 JCR2012 math.

33. Lawrence G. Brown and **Ngai-Ching Wong***. Left quotients of a C^*-algebra, III : Operators on left quotients. *Studia Math.,* in press, 218(3):189–217, 2013. [SCI,NSYSU] IF: 0.576, 157/296 JCR2012 math.

34. Tran Dinh Ke, Valeri Obukhovskii, **Ngai-Ching Wong***, and Jen-Chih Yao. On a class of fractional order differential inclusions with infinite delays. *Applicable Analysis*, 92(1):115–137, 2013. doi: 10.1080/00036811.2011.601454. [SCI,NSYSU](2011 Impact Factor: 0.744).

35. Anthony Lau and **Ngai-Ching Wong***. Orthogonality and disjointness preserving linear maps between fourier and fourier-stieltjes algebras of locally compact groups. *J. Functional Analysis*, 265(4):562–593, 2013. [SCI,NSYSU] IF: 1.252, 21/296 JCR2012 math.

36. Wataru Takahashi*, **Ngai-Ching Wong**, and Jen-Chih Yao. Fixed point theorems for general contractive mappings with w-distances in metric spaces. *J. Nonlinear and Convex Analysis*, 14(3), 2013. 12 pages. [SCI,NSYSU] IF: 0.976, 43/296 JCR2012 math.

37. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Fixed point theorems for nonlinear non-self mappings in hilbert spaces and applications. *Fixed Point Theory and Applications*, 2013. doi: 10.1186/1687-1812-2013-116. [SCI,NSYSU] IF: 1.936, 11/279 math.

38. D. R. Sahu, **Ngai-Ching Wong**, and Jen-Chih Yao. Strong convergence theorems for semigroups of asymptotically nonexpansive mappings in Banach spaces. *Abstract and Applied Analysis*, 2013. doi: 10.1155/2013/202095, 8 pages. [SCI,NSYSU]IF: 1.442, 17/279 JCR2010 math.

39. Eskandar Naraghirad, **Ngai-Ching Wong**, and Jen-Chih Yao. Approximating fixed points of α-nonexpansive mappings in uniformly convex Banach spaces and CAT(0) spaces. *Fixed Point Theory and Applications,* in press, 57, 2013. doi:10.1186/1687-1812-2013-57. [SCI,NSYSU] IF: 1.936, 11/279 math.

40. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Iterative common solutions for monotone inclusion problems, fixed point problems and equilibrium problems. *Fixed Point Theory and Applications*, 2012. doi: 10.1186/1687-1812-2012-181. [SCI,NSYSU](2011 Impact Factor: 1.634).

41. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Attractive point and weak convergence theorems for new generalized hybrid mappings in Hilbert spaces. *J. Nonlinear and Convex Analysis*, 13(4):745–757, 2012. [SCI,NSYSU] (2011 Impact Factor: 0.933).

42. D. R. Sahu, **Ngai-Ching Wong**, and Jen-Chih Yao. A unified hybrid iterative method for solving variational inequalities involving generalized contractive mappings. *SIAM J. Control and Optimization*, 50(4):2335–2354, 2012. [SCI,NSYSU](2011 Impact Factor: 1.518).

43. Lei Li and **Ngai-Ching Wong**. Banach-Stone theorems for vector-valued functions on completely regular spaces. *Mathematica Analysis and Applictions*, 395(1):265–274, 2012. [SCI,NSYSU](2011 Impact Factor: 1.001).

44. Qingying Bu and **Ngai-Ching Wong**. Some geometric properties inherited by the positive tensor products of atomic Banach lattices. *Indagationes Mathematicae-New Series*, 23(3):199–213, 2012. [SCI,NSYSU](2011 Impact Factor: 0.195).

45. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Fixed point theorems for three new nonlinear mappings in Banach spaces. *J. Nonlinear and Convex Analysis*, 13(2):363–381, 2012. [SCI,NSYSU](2011 Impact Factor: 0.933).

46. Lu-Chuan Ceng, Qamrul Hasan Ansari, **Ngai-Ching Wong**, and Jen-Chih Yao. Iimplicit iterative method for hierarchical variational inequalities. *J. Applied Math.*, 2012, 2012. doi: 10.1155/2012/472935. [SCI, NSYSU](2011 Impact Factor: 0.656).

47. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Fixed point theorems and convergence theorems for generalized nonspreading mappings in Banach spaces. *Journal Fixed Point Theory and Applications*, 11(1):159–183, 2012. [SCI,NSYSU](2011 Impact Factor: 0.776).

48. Tran Dinh Ke, Valeri Obukhovskii, **Ngai-Ching Wong**, and Jen-Chih Yao. On semilinear integro-differential equations with nonlocal conditions in Banach spaces. *Abstract and Applied Analysis*, 2012. doi: 10.1155/2012/137576, 26 pages. [SCI,NSYSU](2011 Impact Factor: 1.318).

49. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Two generalized strong convergence theorems of Halpern's type in Hilbert spaces and applications. *Taiwanese J. Math.*, 16(3):1151–1172, 2012. [SCI,NSYSU](2011 Impact Factor: 0.555).

50. B. T. Kien, **Ngai-Ching Wong**, and Jen-Chih Yao. Necessary conditions for multiobjective optimal control problems with state constraints. *Dynamics of Continuous, Discrete & Impulsive Systems, Series B: Applications & Algorithms*, 19(3):431–446, 2012. [NSYSU].

51. Lu-Chuan Ceng, **Ngai-Ching Wong**, and Jen-Chih Yao. Strong and weak convergence theorems for an infinite family of nonexpansive mappings and applications. *Fixed Point Theory and Applications*, 2012. 2012:117 doi: 10.1186/1687-1812-2012-117. [SCI,NSYSU](2011 Impact Factor: 1.634).

52. Chi-Wai Leung*, Chung-Wen Tsai, and **Ngai-Ching Wong**. Linear disjointness preservers of w*-algebras. *Mathematische Zeitschrift*, 270(3-4):699–708, 2012. [SCI,NSYSU](2011 Impact Factor: 0.749).

53. Chi-Wai Leung*, Chi-Keung Ng, and **Ngai-Ching Wong**. Linear orthogonality preservers of Hilbert C*-modules over C*-algebras with real rank zero. *Proc. Amer. Math. Soc.*, 140(9):3151–3160, 2012. [SCI,NSYSU](2011 Impact Factor: 0.611).

54. Lu-Chuan Ceng, **Ngai-Ching Wong**, and Jen-Chih Yao. Well-posedness for a class of strongly mixed variational-hemivariational inequalities with perturbations. *Journal of Applied Mathematics*, 2012. doi: 10.1155/2012/712306. [SCI,NSYSU](2011 Impact Factor: 0.656).

55. N. Hadjisavvas*, S. Schaible, and **Ngai-Ching Wong**. Pseudomonotone operators: a survey of the theory and its applications. *J. Optimization Theory and Applications*, 152(1):1–20, 2012. [SCI,NSYSU](2011 Impact Factor: 1.062).

56. Chi-Wai Leung, Chi-Keung Ng, and **Ngai-Ching Wong**. Automatic continuity and $C_0(\Omega)$-linearity of linear maps between $C_0(\Omega)$-modules. *J. Operator Theory*, 67(1):3–20, 2012. [SCI,NSYSU](2011 Impact Factor: 0.681).

57. Yonghong Yao, Yeong-Cheng Liou, and **Ngai-Ching Wong**. Superimposed optimization methods for the mixed equilibrium problem and variational inclusion. *J. Global Optimization*, 2012. doi:10.1007/s10898-012-9982-4. [NSYSU] IF: 1.160, 61/236 JCR2010 applied math.

58. Chung-Wen Tsai and **Ngai-Ching Wong**. Rank preserving in integral extensions of commutative C*-algebras. *Taiwanese J. Math.*, 16(2):545–553, 2012. [SCI,NSYSU].

59. Tran Dinh Ke, Valeri Obukhovskii, **Ngai-Ching Wong**, and Jen-Chih Yao. Approximate controllability for systems governed by nonlinear Volterra type equations. *Differ. Equ. Dyn. Syst.*, 20(1):35–52, 2012. [NSYSU].

60. Eskandar Naraghirad, **Ngai-Ching Wong**, and Jen-Chih Yao. Strong convergence theorems by a hybrid extragradient-like approximation method for asymptotically nonexpansive mappings in the intermediate sense in Hilbert spaces. *Journal of Inequalities and Applications*, 2011. doi: 10.1186/1029-242X-2011-119. [SCI,NSYSU](2011 Impact Factor: 0.728).

61. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Weak and strong convergence theorems for extended hybrid mappings in Hilbert spaces. *J. Nonlinear and Convex Analysis*, 12(3):553–575, 2011. [SCI,NSYSU](2011 Impact Factor: 0.933).

62. Tran Dinh Ke and **Ngai-Ching Wong**. Long-time behavior for a model of porous-medium equations with variable coefficients. *Optimization*, 60(6):709–724, 2011. [SCI,NSYSU](2011 Impact Factor: 0.500).

63. Tran Dinh Ke, Valeri Obukhovskii*, **Ngai-Ching Wong**, and Jen-Chih Yao. An abstract Cauchy problem for higher order functional differential inclusions with infinite delay. *Discussiones Mathematicae: Differential Inclusions Control and Optimization*, pages 199–229, 2011. [NSYSU].

64. X. F. Luo, L. H. Peng, C. Li, and **Ngai-Ching Wong**. Characterizations and uniqueness of best simultaneous C-Approximations. *Taiwanese J. Math.*, 15(5):2357–2376, 2011. [SCI,NSYSU](2011 Impact Factor: 0.555).

65. Lu-Chuan Ceng, Qamrul Hasan Ansari, **Ngai-Ching Wong**, and Jen-Chih Yao. An extragradient-like approximation method for variational inequalities and fixed point problems. *Fixed Point Theory and Applications*, 2011. doi: 10.1186/1687-1812-2011-22. [SCI,NSYSU].

66. Ming-Hsiu Hsu and **Ngai-Ching Wong**. Inner products and module maps of Hilbert C*-modules. *Matimyas Matematika*, 34(1-2):56–62, 2011. [NSYSU].

67. D. R. Sahu, **Ngai-Ching Wong**, and Jen-Chih Yao. A generalized hybrid steepest-descent method for variational inequalities in Banach Spaces. *Fixed Point Theory and Applications*, 2011. doi: 10.1155/2011/754702, 28 pages. [SCI,NSYSU] IF: 1.936, 11/279 math.

68. Ming-Hsiu Hsu and **Ngai-Ching Wong**. Isometries embeddings of Banach bundles. *Taiwanese J. Math.*, 15(5):1969–1978, 2011. [SCI,NSYSU](2011 Impact Factor: 0.555).

69. Jian-Wen Peng and **Ngai-Ching Wong**. Some modified extragradient methods for common solutions of generalized equilibrium problems and fixed points of nonexpansive mappings. *Taiwanese J. Math.*, 15(1):353–363, 2011. [SCI,NSYSU](2011 Impact Factor: 0.555).

(B) 專書及其他著作

1. 黃毅青. 微積分. 滄海圖書, 2014. 2015.8 初版. ISBN 978-986-5647-21-6.

2. Chong Li Jinlu Li, **Ngai-Ching Wong**, , and Jen-Chih Yao. *Recent Development in Fixed-Point Theory, Optimization, and Their Applications.* as a special issue of the math journal, Abstract and Applied Analysis, Hindawi, 2014. [NSYSU].
3. Antonio M. Peralta, Chi-Keung Ng, **Ngai-Ching Wong**, and Jen-Chih Yao. *Preserver Problems on Function Spaces, Operator Algebras, and Related Topics.* as a special issue of the math journal, Abstract and Applied Analysis, Hindawi, 2014., 2014.
4. **Ngai-Ching Wong**. The topological and bornological approaches in locally convex spaces. *in the Proceedings of the 10th Taiwan-Philippines Symposium on Analysis*, pages 215–227, 2014. Airiti Press Inc., Taiwan, 2015. [NSYSU].
5. Chi-Keung Ng and **Ngai-Ching Wong**. A murray-von neumann type classification of C*-algebras. *Operator Theory: Advances and Applications*, 250(369–395). Springer International Publ., 2015. (This issue consists of the Proceedings of the conference celebrating the 60th birthday of C.J.K. Batty: Operator semigroups meet complex analysis, harmonic analysis and mathematical physics, 2013, Edited by W. Arendt, R. Chill and Y. Tomilov.) [NSYSU].
6. Wataru Takahashi, **Ngai-Ching Wong**, and Jen-Chih Yao. Attractive point and mean convergence theorems for new generalized nonspreading mappings in banach spaces. *Contemporary Mathematics.* in press. [NSYSU].

羅春光教授 (Chun-Kong Law) (81 年 8 月畢業，81 年 8 月到校)

(A) 期刊論文

1. L.F. Cheung, **Chun-Kong Law**, and M.C. Leung. On a class of rotationally symmetric p-harmonic maps. *Comm. Pure Appl. Anal.*, 2016. to appear. [SCI, NSYSU].
2. **Chun-Kong Law**, W.Z. Wang, and W.C. Wang. Sturm-liouville properties for atkinson's semi-definite p-laplacian eigenvalue problems. *Math. Nachr.*, 2016. to appear. [SCI, NSYSU].
3. Yan-Hsiou Cheng and**Chun-Kong Law**, Wei-Cheng Lian, and Wei-Chuan Wang. An inverse nodal problem and ambarzumyan problem for the periodic p-laplacian operator with intergrable potentials. *Taiwanese Journal of mathematics*, 19(4):1305–1316, 2015. [SCI, NSYSU].
4. Yan-Hsiou Cheng and**Chun-Kong Law** and Yu-Chen Luo. Distribution of the prufer angle in p-laplacian eigenvalue problem. *Electronic journal of differential equations*, (255):1–8, 2014. [SCI, NSYSU].
5. **Chun-Kong Law**, V. Pivovarchik, and W.C. Wang. A polynomial identity and its application to inverse spectral problems in Stieltjes strings. *Operators and Matrices*, 7(3):603–616, 2013. [SCI, NSYSU].
6. X. Chen, Y.H. Cheng, and **Chun-Kong Law**. A Tikhonov regularization for the inverse nodal problem for p-Laplacian. *Journal of Mathematical Analysis and Applications*, 395:230–240, 2013. [SCI, NSYSU].
7. C.Z. Chen, **Chun-Kong Law**, W.C. Lian, and W.C. Wang. Optimal upper bounds for the eigenvalue ratios of one-dimensional p-laplacian. *Proceedings of American Mathematical Society*, 141(3):883–893, 2013. [SCI, NSYSU].
8. **Chun-Kong Law** and E. Yanagida. A solution to an Ambarzumyan problem on trees. *Kodai Journal of Mathematics*, 35:358–373, 2012. [SCI, NSYSU].
9. X. Chen, Y.H. Cheng, and **Chun-Kong Law**. Reconstructing potentials from zeros of one eigenfunction. *Transactions of American Mathematical Society*, 363(9):4831–4851, 2011. [SCI, NSYSU].

(B) 專書及其他著作

1. **Chun-Kong Law**. Inverse nodal problems 1D. In B. Engquist ed., editor, *Encycleopedia of Applied and Computational Mathematics*, number 29. Springer, Berlin, 2015. [NSYSU].

張福春教授 (Fu-Chuen Chang) (81 年 8 月畢業，81 年 8 月到校)

(A) 期刊論文

1. **Fu-Chuen Chang** and Jhong-Shin Tsai. A limit theorem of D-optimal designs for weighted polynomial regression. *J. Statist. Plann. Inference*, 154:26–38, 2014. [SCI, NSYSU].
2. **Fu-Chuen Chang** and Chin-Han Li. D-optimal designs for combined polynomial and trigonometric regression on a partial circle. *J. Statist. Plann. Inference*, 143(7):1186–1194, 2013. [SCI, NSYSU].
3. **Fu-Chuen Chang**, Lorens Imhof, and Yi-Ying Sun. Exact D-optimal designs for first-order trigonometric regression models on a partial circle. *Metrika*, 76(6):857–872, 2013. [SCI, NSYSU].
4. 陳柏宇、張福春. 簡介蓋、舒爾凸函數與 Karamata 不等式. 數學傳播, 37(2):56–72, 2013. [NSYSU].

5. 林宜嬪、張福春. 級數求和、對消和與對消乘積 (下). 數學傳播, 36(4):83–96, 2012. [NSYSU].
6. 林宜嬪、張福春. 級數求和、對消和與對消乘積 (上). 數學傳播, 36(3):59–73, 2012. [NSYSU].
7. 洪偉誠、李俊賢、蔡誠祐、何家興、張福春. 美國高中數學測驗 AMC 12 之機率問題 (下). 數學傳播, 36(1):64–83, 2012. [NSYSU].
8. 洪偉誠、李俊賢、蔡誠祐、何家興、張福春. 美國高中數學測驗 AMC 12 之機率問題 (上). 數學傳播, 35(4):62–81, 2011. [NSYSU].

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(A) 期刊論文

1. Ching-Kang Ing and **Mei-Hui Guo**. Optimal restricted quadratic estimator of integrated volatility. *Annals of the Institute of Statistical Mathematics*, 68(3):673–703, 2016. NSC-102-2118-M-110-002-MY2. [SCI,NSYSU] (IF: 0.768, 72/123: Statistics & Probability).
2. Ching-Kang Ing, Hai-Tang Chiou, and **Mei-Hui Guo**. Estimation of inverse autocovariance matrices for long memory processes. *Bernoulli Journal*, 22(3):1301–1330, 2016. MOST 102-2118-M-110-002-MY2. [SCI,NSYSU] (IF: 1.372, 37/123: Statistics & Probability).
3. Liang-Ching Lin, Sangyeol Lee, and **Mei-Hui Guo**. Goodness-of-fit test for the stochastic volatility models based on noisy observations. *Statistica Sinica*, 26(3):1305–1329, 2016. MOST 103-2118-M-110-003-MY2. [SCI,NSYSU] (IF: 0.838, 66/123: Statistics & Probability).
4. Sangyeol Lee and **Mei-Hui Guo**. Monitoring change point for diffusion parameter based on discretely observed sample from stochastic differential equation models. *Applied Stochastic Models in Business and Industry*, 31(5):609–625, 2015. [SCI,NSYSU].
5. **Mei-Hui Guo**, Yi-Ting Guo, Chi-Jeng Wang, and Liang-Ching Lin. Assessing influential trade effects via high frequency market reactions. *Journal of Applied Statistics*, 42(7):1458–1471, 2015. MOST 102-2118-M-110-002-MY2. [SCI,NSYSU] (IF: 0.419, 109/123: Statistics & Probability).
6. Ray-Bing Chen, **Mei-Hui Guo**, Wolfgang K. Haerdle, and Shih-Feng Huang. COPICA - independent component analysis via copula techniques. *Statistics and Computing*, 25:273–288, 2015. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 2.028, 23/119: Statistics & Probability); (16/102: Computer Science, Theory & Methods).
7. Sangyeol Lee, **Mei-Hui Guo**, Wolfgang K. Haerdle, and Shih-Feng Huang. Monitoring change point for diffusion parameter based on discretely observed sample from sde models. *Applied Stochastic Models in Business and Industry*, 31(5):609–625, 2014. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 0.574, 93/123: Statistics & Probability); (83/101: Mathematics Interdisciplinary Applications); (74/82: Operation Research & Management Science).
8. Shih-Feng Huang and **Mei-Hui Guo**. Model risk of the implied garch-normal model. *Quantitative Finance*, 14:2215–2224, 2014. NSC 100-2118-M-110-003. [SCI,SSCI,NSYSU] (IF: 0.945, 176/333: Economics; 52/91: Business,Finance; 60/95: Mathematics Interdisciplinary Applications; 31/45: Social Sciences, Mathematical Methods).
9. Liang-Ching Lin, Sangyeol Lee, and **Mei-Hui Guo**. The Bickel-Rosenblatt test for continuous time stochastic volatility models. *TEST*, 23:195–218, 2014. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 1.350, 45/119: Statistics & Probability).
10. Liang-Ching Lin, Sangyeol Lee, and **Mei-Hui Guo**. Goodness-of-fit test for stochastic volatility models. *Journal of Multivariate Analysis*, 116:473–498, 2013. NSC 101-2118-M-110-003. [SCI,NSYSU] (IF 0.879, 57/116: Statistics & Probability).
11. Shih-Feng Huang and **Mei-Hui Guo**. Optimal multi-period quadratic risk-adjusted hedging strategy. *Journal of the Korean Statistical Society*, 42:37–49, 2012. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 0.465, 92/116: Statistics & Probability).
12. **Mei-Hui Guo** and Gen-Liang Li. Estimation of MA(1) model based on rounded data. *Tatra Mountains Mathematical Publication*, 51:45–53, 2012. NSC 98-2118-M-110-001-MY2, NSC100-2118-M- 110-003. [SCI,NSYSU].
13. Chao-Kai Wen, Guangming Pan, Kai-Kit Wong, **Mei-Hui Guo**, and Jung-Chieh Chen. A deterministic equivalent for the analysis of non-Gaussian correlated MIMO multiple access channels. *IEEE Transactions on Information Theory*, 59:329–352, 2013. NSC 98-2118-M-110-001-MY2. [SCI,NSYSU] (IF 3.009, 7/135: Computer Science, Information Systems Engineering; 17/245: Electrical & Electronics).
14. Shih-Feng Huang and **Mei-Hui Guo**. Dynamic programming and hedging strategies in discrete time. In *Handbook of Computational Finance.* (Edited by Jin-Chuan Duan and Wolfgang Härdle and James E. Gentle), pages 605–632. Springer, Berlin Heidelberg, 2012. [NSYSU].
15. **Mei-Hui Guo**, Ching-An Liu, and Shih-Feng Huang. Dynamic co-movement detection of high frequency financial data. *Journal of Data Science*, 10:345–362, 2012. NSC 100-2118-M-110-003. [NSYSU].

16. Cheng-Siang Wang, **Mei-Hui Guo**, Kainam Thomas Wong, and Vladimir I. Piterbarg. Fourth-order spatial correlation-coefficient across the uplink receiver's spatial aperture - analytically derived in closed form. *IEEE Transactions on Communications*, 60:724–734, 2012. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 1.677, 64/245: Engineering, Electrical & Electronic; 20/79: Telecommunications).
17. Liang-Ching Lin, **Mei-Hui Guo**, and Kainam Thomas Wong. Two-branch selection in wireless space-diversity reception: An upper bound for its output power. *IEEE Transactions on Communications*, 60:537–546, 2012. NSC 100-2118-M-110-003. [SCI,NSYSU] (IF: 1.677, 64/245: Engineering, Electrical & Electronic; 20/79: Telecommunications).
18. Sangyeol Lee and **Mei-Hui Guo**. Test for dispersion constancy in sde models. *Applied Stochastic Models in Business and Industry*, 28:342–353, 2012. NSC 98-2118-M-110-001-MY2. [SCI,NSYSU] (IF: 0.829, 60/110: Statistics & Probability; 53/92: Mathematics Interdisciplinary Applications; 43/74: Operation Research & Management Science).

(B) 專書及其他著作

1. Inchi Hu, **Mei-Hui Guo**, and Shih-Feng Huang. Efficient importance sampling for expected shortfall and value at risk. 2012. Submitted.
2. Sangyeol Lee and **Mei-Hui Guo**. A control chart for diffusion parameter of sde models. 2011. Submitted.
3. Wan-Ping Hung, Mong-Na Lo Huang, and **Mei-Hui Guo**. Surgical operating time modeling and combinations for scheduling with mixture lognormal distributions. 2011. Submitted.
4. Liang-Ching Lin and **Mei-Hui Guo**. Minimum variance unbiased estimator of integrated volatility in stochastic volatility models. 2011. Submitted.

呂宗澤教授 (Tzon-Tzer Lu) (81 年 5 月畢業，81 年 8 月到校)

(A) 期刊論文

1. Y. W. Lin, **Tzon-Tzer Lu**, and C. K. Chen. Large interval solution of the emden-fowler equation using a modified adomian decomposition method with an integrating factor. *ANZIAM Journal*, 56:192–208, 2014. [SCI,NSYSU](IF: 0.829).
2. Naimin Zhang, **Tzon-Tzer Lu**, and Yimin Wei*. Semi-convergence analysis of uzawa methods for singular saddle point problems. *Journal of Computational and Applied Mathematics*, 255:334–345, 2014. [SCI,NSYSU](IF: 1.077).
3. Y. W. Lin, **Tzon-Tzer Lu**, and C. K. Chen*. Adomian decomposition method using integrating factor. *Communications in Theoretical Physics*, 60:159–164, 2013. [SCI,NSYSU](IF: 1.049).
4. J. Liang, **Tzon-Tzer Lu**, and Y. Xu. Stability for a class of differential equations with nonconstant delay. *Journal of Function Spaces and Applications*, 2013, 2013. Article ID 159435, 7 pages. [SCI,NSYSU](IF: 0.500).
5. F. Li, J. Liang, **Tzon-Tzer Lu**, and H. Zhu. A nonlocal cauchy problem for fractional integrodifferential equations. *Journal of Applied Mathematics*, 2012, 2012. Article ID 901942, 18 pages. [SCI,NSYSU](IF: 0.834).
6. Zi-Cai Li, **Tzon-Tzer Lu**, and G. Q. Xie. The method of fundamental solutions and its combinations for exterior problems. *Engineering Analysis with Boundary Elements*, 36(3):394–403, 2012. [SCI,NSYSU](2011 Impact Factor: 1.451).
7. Yimin Wei, **Tzon-Tzer Lu**, H. T. Huang, and Z. C. Li. Effective condition number for weighted linear least squares problems and applications to the Trefftz method. *Engineering Analysis with Boundary Elements*, 36(1):53–62, 2012. [SCI,NSYSU](2011 Impact Factor: 1.451).
8. Zi-Cai Li, H. T. Hunag, C. S. Huang, **Tzon-Tzer Lu**, and Q. Fang. Effective condition number of finite difference methond for Poissin's equation involving boundary singularities. *Numerical Functional Analysis and Optimization*, 32(6):659–681, 2011. [SCI,NSYSU](2011 Impact Factor: 0.711).

(B) 專書及其他著作

1. A. H. D. Cheng, Z. C. Li, and **Tzon-Tzer Lu**, editors. Special Issue on Trefftz Method, for the Joint International Workshop on Trefftz Method VI and Method of Fundamental Solutions II held at National Sun Yat-sen university, March 15-18, 2011, Koahsiung, Taiwan. Engineering Analysis with Boundary Elements, Vol. 36, No. 1, 2012. [NSYSU].

黃杰森教授 (Chieh-Sen Huang) (87 年 8 月畢業，87 年 8 月到校)

(A) 期刊論文

1. **Chieh-Sen Huang**, Todd Arbogast, and Chen-Hui Hung. A semi-lagrangian finite difference WENO scheme for scalar nonlinear conservation laws. *Journal of Computational Physics*, 322:559–585, 2016. [SCI,NSYSU].
2. **Chieh-Sen Huang**, Feng Xiao, and Todd Arbogast. Fifth order multi-moment weno schemes for hyperbolic conservation laws. *Journal of Scientific Computing*, 64(2):477–507, 2015. [SCI,NSYSU].
3. **Chieh-Sen Huang**, Todd Arbogast, and Chen-Hui Hung. A re-averaged weno reconstruction and a third order cweno scheme for hyperbolic conservation laws. *Journal of Computational Physics*, 262:291–312, 2014. [SCI,NSYSU].
4. C.S. Chen, **Chieh-Sen Huang**, and K.H. Lin. On the convergence of the MFS-MPS scheme for 1D Poisson's equation. *International Journal of Computational Methods*, 10(2), 2013. 1341006 [SCI,NSYSU].
5. Todd Arbogast, **Chieh-Sen Huang**, and C.H. Hung. A fully conservative Eulerian-Lagrangian Stream-Tube method for advection-diffusion problems. *SIAM Journal on Scientific Computing*, 34(4):B447–B478, 2012. [SCI,NSYSU].
6. **Chieh-Sen Huang**, Todd Arbogast, and J. Qui. An Eulerian-Lagrangian WENO finite volume scheme for advection problems. *Journal of Computational Physics*, 231:4028–4052, 2012. [SCI,NSYSU].
7. Todd Arbogast, **Chieh-Sen Huang**, and T.F. Russell. A locally conservative s treamline method for a model two-phase flow problem in a one-dimensional porous medium. *SIAM Journal on Scientific Computing*, 34(4):A1950–A1974, 2012. [SCI,NSYSU].
8. **Chieh-Sen Huang**, Y. C. Huang, and P. J. Lai. Modified genetic algorithms for solving fuzzy flow shop scheduling problems and their implementation with CUDA. *Expert Systems With Applications*, 39(5):4999–5005, 2012. [SCI,NSYSU].
9. Z.C. Li, H.-T. Hung, **Chieh-Sen Huang**, T.-T. Lu, and Q. Fang. Effective condition number of finite difference method for poisson's equation involving boundary singularities. *Numerical Functional Analysis and Optimization*, 32(6):659–681, 2011. [SCI,NSYSU].

王彩蓮教授 (Tsai-Lien Wong) (85 年 6 月畢業，88 年 8 月到校)

(A) 期刊論文

1. Yunfang Tang, **Tsai-Lien Wong**, and Xuding Zhu. Total weight choosability of cone graphs. *Graphs and Combinatorics*, 328(3):1203–1216, 2016. [SCI, NSYSU](2015 Impact Factor: 0.48).
2. **Tsai-Lien Wong** and Xuding Zhu. Every graph is (2,3)-choosable. *Combinatorica*, 36(2):121–127, 2016. [SCI, NSYSU] (2015 Impact Factor: 0.719).
3. Jakub Przybylo and **Tsai-Lien Wong**. Neighbor distinguishing edge colorings via the combinatorial nullstellensatz revisited. *Journal of Graph Theory*, 80(4):299–312, 2015. [SCI, NSYSU](2015 Impact Factor: 0.796).
4. Cheyu Lin, **Tsai-Lien Wong**, and Xuding Zhu. Circular chromatic indices of even degree regular graphs. *Discrete Mathematics*, 338(7):1154–1162, 2015. [SCI, NSYSU].
5. Sen-Peng Eu, Yuan-Hsun Lo, and **Tsai-Lien Wong**. The sorting index on colored permutations and even-signed permutations. *Advances in Applied Mathematics*, 68:18–50, 2015. [SCI, NSYSU].
6. Tsiu-Kwen Lee, **Tsai-Lien Wong**, and Yiqiang Zhou. The structure of jordan $*$-derivations of prime rings. *Linear and Multilinear Algebra*, 63(2):411–422, 2015. [SCI, NSYSU].
7. Juncheol Han, Tsiu-Kwen Lee, Sangwon Park, and **Tsai-Lien Wong**. A note on lattices of idempotents in algebras. *Publicationes Mathematicae-Debrecen*, 86(1-2):183–186, 2015. [SCI, NSYSU].
8. Yu-Chang Liang, **Tsai-Lien Wong**, and Xuding Zhu. Anti-magic labeling of trees. *Discrete Mathematics*, 331:9–14, 2014. [SCI, NSYSU].
9. Tsiu-Kwen Lee and **Tsai-Lien Wong**. Right centralizers of semiprime rings. *Communications in Algebra*, 42(7):2923–2927, 2014. [SCI, NSYSU].
10. Cheyu Lin, **Tsai-Lien Wong**, and Xuding Zhu. Circular chromatic indices of regular graphs. *Journal of Graph theory*, 76(3):169–193, 2014. [SCI, NSYSU].
11. Po-Yi Huang, **Tsai-Lien Wong**, and Xuding Zhu. Application of polynomial method to on-line list colouring of graphs. *European J. Combin.*, 38:23–23, 2014. [SCI, NSYSU](2011 Impact Factor: 0.677).
12. Sen-Peng Eu, **Tsai-Lien Wong**, and Pei-Lan Yen. Hankel determinants of sums of consecutive weighted schroder numbers. *Linear Algebra Appl.*, 437(9):2285–2299, 2012. [SCI, NSYSU](2011 Impact Factor: 0.974).

13. Po-Yi Huang, **Tsai-Lien Wong**, and Xuding Zhu. Application of polynomial method to on-line list colouring of graphs. *European J. Combin.*, 33(5):872–883, 2012. [SCI, NSYSU](2011 Impact Factor: 0.677).
14. Po-Yi Huang, **T. L. Wong**, and Xuding Zhu. Weighted-1-antimagic graphs of prime power order. *Discrete Math*, 312(14):2162–2169, 2012. [SCI, NSYSU](2011 Impact Factor: 0.519).
15. Tsiu-Kwen Lee and **T. L. Wong**. Nonadditive strong commutativity preserving maps. *Comm. Algebra*, 40(6):2213–2218, 2012. [SCI, NSYSU](2011 Impact Factor: 0.347).
16. **T. L. Wong**, Jiaojiao Wu, and Xuding Zhu. Total weight choosability of cartesian product of graphs. *European J. Combin.*, 33(8):1725–1738, 2012. [SCI, NSYSU](2011 Impact Factor: 0.677).
17. **T. L. Wong** and Xuding Zhu. Antimagic labelling of vertex weighted graphs.. j. *Graph Theory*, 70(3):348–359, 2012. [SCI, NSYSU](2011 Impact Factor: 0.524).
18. **T. L. Wong** and Xuding Zhu. Total weight choosability of graphs. *Journal of Graph theory*, 66:198–212, 2011. [SCI, NSYSU](2011 Impact Factor: 0.524).
19. Akos Seress, **T. L. Wong**, and Xuding Zhu. Distinguishing labeling of the actions of almost simple groups. *Combinatorics*, 31:489–506, 2011. [SCI, NSYSU](2011 Impact Factor: 0.671).

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. **L.-D. Tong**. Automorphisms of neighborhood sequence of a graph. *Taiwanese Journal of Mathematics*, 19(4):1085–1096, 2015. [SCI, NSYSU].
2. T.-P. Chang and **L.-D. Tong**. The hamiltonian numbers in graphs. *ARS Combinatoria*, 123:151–158, 2015. [SCI, NSYSU].
3. HH Lai, KE Lih, CY Lin, and **L.-D. Tong**. When is the direct product of generalized mycielskians a cover graph? *Ars Combinatoria*, 117:65–73, 2014. [SCI, NSYSU].
4. T.-P. Chang and **L.-D. Tong**. Choice identification of a graph. *Discrete Applied Mathematics*, 167:61–71, 2014. [SCI, NSYSU].
5. T.-P. Chang and **L.-D. Tong**. The hamiltonian numbers in digraphs. *Journal of Combinatorial Optimization*, 5(4): 694–701, 2013. [SCI, NSYSU].
6. A. Raspaud and **L.-D. Tong**. Minimum identifying code graphs. *Discrete Applied Mathematics*, 160(9):1385–1389, 2012. [SCI, NSYSU].
7. G. J. Chang, T.-P. Chang, and **L.-D. Tong**. The hamiltonian numbers of Möbius double loop networks. *Journal of Combinatorial Optimization*, 23:462–470, 2012. [SCI, NSYSU].
8. T.-P. Chang and **L.-D. Tong**. The hamiltonian numbers of graphs. *Ars Combinatoria,* acceped, 2011. [SCI, NSYSU].

蔣永延教授 (Yungyen Chiang) (84 年 8 月畢業，87 年 8 月到校)

(A) 期刊論文

1. S-H. Pan, **Y. Chiang**, and J-S. Chen. SOC-monotone and SOC-convex functions v.s. matrix-monotone and matrix-convex functions. *Linear Algebra and its Applications*, 437:1264–1284, 2012. [SCI].
2. **Y. Chiang**. Chararcterizations for solidness of dual cones with application. *J. Global Optim.*, 52:79–94, 2012. [SCI,NSYSU].
3. **Y. Chiang**, S-H. Pan, and J-S. Chen. A merit function method for infinite-dimensional SOCCPs. *Journal of Mathematical Analysis and Applications*, 383:159–178, 2011. [SCI,NSYSU].

陳美如教授 (May-Ru Chen) (96 年 6 月畢業，97 年 8 月到校)

(A) 期刊論文

1. **May-Ru Chen** and Shoou-Ren Hsiau. On a generalized Q-urn model. *Probability in the Engineering and Informational Sciences*, 29:99–115, 2015. [SCI, NSYSU](Impact Factor: 0.328).
2. **May-Ru Chen**, Shoou-Ren Hsiau, and Ting-Hsin Yang. A new two-urn model. *Journal of Applied Probability*, 51:590–597, 2014. [SCI, NSYSU](Impact Factor: 0.690).
3. **May-Ru Chen** and Markus Kuba. On generalized polya urn models. *Journal of Applied Probability*, 50:1169–1186, 2013. [SCI, NSYSU](2011 Impact Factor: 0.632).
4. **May-Ru Chen**. Nash equilibriums in two-person red-and-black games. *Probability in the Engineering and Informational Sciences*, 26:323–336, 2012. [SCI, NSYSU](2011 Impact Factor: 0.642).
5. **May-Ru Chen**. Two-person red-and-black game with lower limit. *Probability in the Engineering and Informational Sciences*, 25:119–133, 2011. [SCI, NSYSU](2011 Impact Factor: 0.642).

何宗軒教授 (Mark C. Ho) (85 年 6 月畢業，86 年 8 月到校)

(A) 期刊論文

1. **Mark C. Ho**. On the rotational invariance for the essential spectrum of lambda-toeplitz operators. *Journal of Mathematical Analysis and Applications*, 413(2):557–565, 2014. [SCI, NSYSU].
2. **Mark C. Ho**. A simple comparison between the Toeplitz and the λ-Toeplitz operators. Preprint. [NSYSU].
3. **Mark C. Ho** and Mu-Ming Wong. The space B_π and its dual. Submitted. [NSYSU].
4. **Mark C. Ho**. Solutions to a dyadic recurrent system and a certain action on $\mathcal{B}(\mathcal{H})$ induced by shifts. *Nonlinear Analysis-Theory Methods & Applications*, 74(5):1653–1663, 2011. [SCI,NSYSU].

李宗錂教授 (Tsung-Lin Lee) (96 年 8 月畢業，99 年 8 月到校)

(A) 期刊論文

1. T. Chen, **Tsung-Lin Lee**, and T. Y. Li. Mixed cell computation in Hom4PS-3. *J. Symbolic Comput.*, accepted. [SCI,NSYSU].
2. W. F. Ke, K. F. Lai, **Tsung-Lin Lee**, and N. C. Wong. Preconditioning random Toeplitz systems. *J. Nonlinear Convex Anal.*, 17(4):757–770, 2016. [SCI,NSYSU].
3. Y. Yao, Y. C. Liou, **Tsung-Lin Lee**, and N. C. Wong. An iterative algorithm based on the implicit midpoint rule for nonexpansive mappings. *J. Nonlinear Convex Anal.*, 17(4):655–668, 2016. [SCI,NSYSU].
4. S. Bozóki, **Tsung-Lin Lee**, and L. Rónyai. Seven mutually touching infinite cylinders. *Comput. Geom.*, 48:87–93, 2015. [SCI,NSYSU].
5. Y. C. Kuo and **Tsung-Lin Lee**. Tracking local optimality for cost parameterized optimization problems. *Comput. Phys. Comm.*, 185(2):572–577, 2014. [SCI,NSYSU].
6. T. Chen, **Tsung-Lin Lee**, and T. Y. Li. Mixed Volume Computation in Parallel. *Taiwanese J. Math.*, 18(1):93–144, 2014. [SCI,NSYSU].
7. **Tsung-Lin Lee**, S.-S. Lin, W.-W. Lin, S.-T. Yau, and J. Zhu. Polynomial calculations in doppler tracking. *Commun. Inf. Syst.*, 12(2):155–182, 2012. [NSYSU].
8. **Tsung-Lin Lee** and T. Y. Li. Mixed volume computation in solving polynomial systems. *Contemp. Math.*, 556:97–112, 2011. [NSYSU].

張中教授 (Chung Chang) (97 年畢業，100 年 2 月到校)

(A) 期刊論文

1. **Chung Chang**, Jiabin Chen, Wei-An Chen, Szu-Pei Ho, Wen-Shiung Liou, and An-Jen Chiang. Assessing the risk of clinical and pathologic factors for relapse of borderline ovarian tumors. *Journal of Obstetrics and Gynaecology* (accepted), 2016. [SCI,NSYSU].
2. **Chung Chang**, Jiabin Chen, Wen-Yi Chang, and An Jen Chiang. Tumor size has a time-varying effect on recurrence in cervical cancer. *Journal of Lower Genital Tract Disease* (inprint), 2016. [SCIE,NSYSU] (2014 impact factor: 1.994).
3. **Chung Chang**, An Jen Chiang, Wei-An Chen, Hsueh-Wen Chang, and Jiabin Chen. A joint model based on longitudinal ca125 in ovarian cancer to predict recurrence. *Biomarkers in Medicine*, 10:53–61, 2016. [SCIE,NSYSU].
4. **Chung Chang**, An Jen Chiang, Hui-Ching Wang, Wei-An Chen, and Jiabin Chen. Evaluation of the time-varying effect of prognostic factors on survival in ovarian cancer. *Annals of Surgical Oncology*, 22:3976–3980, 2015. [SCIE,NSYSU] (2014 impact factor: 3.930).
5. Jiabin Chen and**Chung Chang**, Yu-Che Chung, Huan-Jung Huang, Wen Shiung Liou, An Jen Chiang, and Nelson N.H. Teng. Differentiating borderline and invasive malignancy in ovarian tumors using a multivariate logistic regression model. *Taiwanese Journal of Obstetrics and Gynecology*, 54:398–402, 2015. [SCIE,NSYSU] (2014 impact factor: 0.988).
6. **Chung Chang** and Todd Ogden. Functional data classification: A wavelet approach. *Computational Statistics*, 29:1497–1513, 2014. [SCIE,NSYSU](Ranking: Statistics & Probability 115/122).
7. An Jen Chiang, Jiabin Chen, Yu-Che Chung, Huan-Jung Huang, Wen Shiung Liou, and **Chung Chang**. A longitudinal analysis with ca125 to predict overall survival in patients with ovarian cancer. *Journal of Gynecologic Oncology*, 25:51–57, 2014. [SCI,NSYSU](2012 Impact Factor: 1.730, Ranking: Obstetrics & Gynecology 18/79).
8. Jiabin Chen, **Chung Chang**, Yu-Che Chung, Huan-Jung Huang, Wen Shiung Liou, An Jen Chiang, and Nelson N.H. Teng. Differentiating borderline and invasive malignancy in ovarian tumors using a multivariate logistic regression model. 2013. [NSYSU].

黃信元教授 (Hsin-Yuan Huang) (100 年 5 月畢業，101 年 8 月到校)

(A) 期刊論文

1. **Huang, Hsin-Yuan**, Youngae Lee, and Chang-Shou Lin. Uniqueness of topological multi-vortex solutions for a skew-symmetric Chern-Simons system. *J. Math. Phys.*, 56(4), 2015. [SCIE,NSYSU].
2. **Huang, Hsin-Yuan** and Chang-Shou Lin. Uniqueness of non-topological solutions for the Chern-Simons system with two Higgs particles. *Kodai Math. J.*, 37(2):274–284, 2014. [SCIE,NSYSU].
3. **Huang, Hsin-Yuan** and Chang-Shou Lin. Classification of the entire radial self-dual solutions to non-Abelian Chern-Simons systems. *J. Funct. Anal.*, 266(12):6796–6841, 2014. [SCIE,NSYSU].
4. **Huang, Hsin-Yuan** and Chang-Shou Lin. On the entire radial solutions of the Chern-Simons SU(3) system. *Comm. Math. Phys.*, 327(3):815–848, 2014. [SCIE,NSYSU].
5. **Huang, Hsin-Yuan**. Schubart-like orbits in the Newtonian collinear four-body problem: a variational proof. *Discrete Contin. Dyn. Syst.*, 32(5):1763–1774, 2012.
6. **Huang, Hsin-Yuan**. On the minimizing triple collision orbits in the planar Newtonian three-body problem. *Arch. Ration. Mech. Anal.*, 202(1):247–267, 2011.

黃皓瑋教授 (Hao-Wei Huang) (102 年 5 月畢業，104 年 8 月到校)

(A) 期刊論文

1. **Hao-Wei Huang** and Jiun-Chau Wang. Analytic aspects of the bi-free partial R-transform. *Journal of Functional Analysis*, 271(4):922–957, 2016. [SCIE, NSYSU].
2. Y. Gu, **Hao-Wei Huang**, and J. A. Mingo. An analogue of lévy-hinčin formula for bi-freely inffnitely divisible distributions. *Indiana University Mathematics Journal,* accepted, 2015. [SCI].
3. **Hao-Wei Huang**. Supports of measures in a free additive convolution semigroup. *International Mathematics Research Notices*, (12):4269–4292, 2015. [SCI].
4. **Hao-Wei Huang** and P. Zhong. On the supports of measures in multiplicative free convolution semigroups. *Mathematische Zeitschrift*, 278(1-2):321–345, 2014. [SCI].

洪芷漪教授 (Jyy-I Hong) (100 年 8 月畢業，104 年 8 月到校)

(A) 期刊論文

1. **Jyy-I Hong** and K.-B. Athreya. Markov limit of line of decent types in a multitype supercritical branching process. *Statistics and Probability Letters*, 98:54–58, 2015.
2. **Jyy-I Hong**. Coalescence on supercritical multi-type branching processes. *Sankhya A*, 77(1):65–78, 2015.
3. **Jyy-I Hong** and K.-B. Athreya. An application of the coalescence theory to branching random walks. *Journal of Applied Probability*, 50(3):893–899, 2013.
4. **Jyy-I Hong**. Coalescence on subcritical bellman-harris age-dependent branching processes. *Journal of Applied Probability*, 50(2):576–591, 2013.

近五年已退休/離職教師 (僅列在職期間著作)

李子才教授 (Zi-Cai Li, T. T. Li) (75 年 6 月畢業，82 年 8 月到校)

(A) 期刊論文

1. Ming-Gong Lee, Lih-Jier Young, and **Zi-Cai Li**. Mixed types of boundary conditions at corners of linear elastostatics and their numerical solutions. *Engineering Analysis with Boundary Elements*, 36(12):1265–1278, 2011. [SCI, NSYSU].
2. **Zi-Cai Li**, Ming-Gong Lee, and Jeng-Tzong Chen. New series expansions for fundamental solutions of linear elastostatics in 2D. *Computing*, 92(3):199–224, 2011. [SCI, NSYSU].
3. **Zi-Cai Li**, Lih-Jier Young, and Ming-Gong Lee. Hybrid and collocation trefftz methods for traction boundary conditions in linear elastostatics. *Engineering Analysis with Boundary Elements*, 35(7):944–958, 2011. [SCI, NSYSU].
4. **Zi-Cai Li**, Ming-Gong Lee, John Y. Chiang, and Ya Ping Liu). The trefftz method using fundamental solutions for biharmonic equations. *Journal of Computational and Applied Mathematics*, 235(15):4350–4367, 2011. [SCI, NSYSU].
5. Jin Huang, HT Huang, **Zi-Cai Li**, and YM Wei. Stability analysis via condition number and effective condition number for the first kind boundary integral equations by advanced quadrature methods, a comparison. *Engineering Analysis with Boundary Elements*, 35(4):667–677, 2011. [SCI, NSYSU].
6. **Zi-Cai Li**, HT Huang, and YM Wei. Ill-conditioning of the truncated singular value decomposition, tikhonov regularization and their applications to numerical partial differential equations. *Numerical Linear Algebra with Applications*, 18(2):205–221, 2011. [SCI, NSYSU].
7. **Zi-Cai Li**, HT Huang, CS Huang, TT Lu, and Q Fang. Effective condition number of finite difference method for Poisson's equation involving boundary singularities. *Numerical Functional Analysis and Optimization*, 32(6):659–681, 2011. [SCI, NSYSU].
8. **Zi-Cai Li**, HT Huang, and YM Wei. New splitting algorithms for geometric transformations of digital images and their error analysis. *International Journal of Imaging Systems and Technology*, 21(4):323–335, 2011. [SCI, NSYSU].

(B) 專書及其他著作

1. **Zi-Cai Li**, H. T. Huang, and N. Yan. *Global Superconvegence of Finite Elements for Elliptic Equations and its Applications* (about 300 pages). Accepted by Science Press, Beijing. and plan to published in 2011. [NSYSU].

朱緒鼎教授 (Xuding Zhu) (78 年 12 月畢業，84 年 10 月到校)

(A) 期刊論文

1. Daniel W. Cranston, Yu-Chang Liang, and **X. Zhu**. Regular graphs of odd degree are antimagic. *Journal of Graph Theory*, 80(1):28–33, 2015. [SCIE,NSYSU].
2. Cheyu Lin, Tsai-Lien Wong, and **X. Zhu**. Circular chromatic indices of even degree regular graphs. *Discrete Mathematics*, 338(7):1154–1162, 2015. [SCIE,NSYSU].
3. Jaehoon Kim, Alexandr Kostochka, and **X. Zhu**. Improper coloring of sparse graphs with a given girth, i: (0,1)-colorings of triangle-free graphs. *European Journal of Combinatorics*, 42:26–48, 2014. [SCI].

4. Yu-Chang Liang, Tsai-Lien Wong, and **X. Zhu**. Anti-magic labeling of trees. *Discrete Mathematics*, 331:9–14, 2014. [SCI].
5. Cheyu Lin, Tsai-Lien Wong, and **X. Zhu**. Circular chromatic indices of regular graphs. *Journal of Graph Theory*, 76(3):169–193, 2014. [SCI].
6. P.-Y. Huang, T.-L. Wong, and **X. Zhu**. Application of polynomial method to on-line list colouring of graphs. *European J. Combin.*, 38:23–23, 2014. [SCI].
7. Yuehua Bu, Stephen Finbow, Daphne Der-Fen Liu, and **X. Zhu**. List backbone colouring of graphs. *Discrete Applied Mathematics*, 167:45–51, 2014. [SCI].
8. J. Kozik, P. Micek, and **X. Zhu**. Towards an on-line version of Ohba's conjecture. *European J. Combin.*, 36:110–121, 2014. [SCI,NSYSU].
9. Y.-C. Liang and **X. Zhu**. Antimagic Labeling of Cubic Graphs. *Journal of Graph Theory*, 75(1):31–36, 2014. [SCI].
10. T.-L. Wong and **X. Zhu**. Partial Online List Coloring of Graphs. *Journal of Graph Theory*, 74(3):359–367, 2013. [SCI].
11. Y.-C. Liang and **X. Zhu**. Anti-magic labelling of Cartesian product of graphs. *Theoret. Comput. Sci.*, 477:1–5, 2013. [SCI].
12. G. J. Chang, D. D.-F. Liu, and **X. Zhu**. A short proof for Chen's alternative Kneser coloring lemma. *J. Combin. Theory Ser. A*, 120:159–163, 2013. [SCI].
13. W. H. Chan, W. C. Shiu, P. K. Sun, and **X. Zhu**. The strong game colouring number of directed graphs. *Discrete Math.*, 313:1070–1077, 2013. [SCI].
14. T.-L. Wong and **X. Zhu**. Antimagic labelling of vertex weighted graphs. *J. Graph Theory*, 70:348–359, 2012. [SCI].
15. T.-L. Wong, J. Wu, and **X. Zhu**. Total weight choosability of Cartesian product of graphs. *European J. Combin.*, 33:1725–1738, 2012. [SCI].
16. M. Montassier, P. Ossona de Mendez, A. Raspaud, and **X. Zhu**. Decomposing a graph into forests. *J. Combin. Theory Ser. B*, 102:38–52, 2012. [SCI].
17. J. Kong, W. Wang, and **X. Zhu**. The surviving rate of planar graphs. *Theoret. Comput. Sci.*, 416:65–70, 2012. [SCI].
18. S.-J. Kim, Y. S. Kwon, D. D.-F. Liu, and **X. Zhu**. On-line list colouring of complete multipartite graphs. *Electron. J. Combin.*, 19(13):Paper 41, 2012. [SCI].
19. H. A. Kierstead, C.-Y. Yang, D. Yang, and **X. Zhu**. Adapted game colouring of graphs. *European J. Combin.*, 33(4): 435–445, 2012. [SCI].
20. **X. Zhu**. Weighted-1-antimagic graphs of prime power order. *Discrete Math.*, 312(14):2162–2169, 2012. [SCI].
21. P.-Y. Huang, T.-L. Wong, and **X. Zhu**. Application of polynomial method to on-line list colouring of graphs. *European J. Combin.*, 33(5):872–883, 2012. [SCI].
22. T.-P. Chang and **X. Zhu**. On-line 3-choosable planar graphs. *Taiwanese J. Math.*, 16:511–519, 2012. [SCI,NSYSU].
23. **X. Zhu**. Graphs with chromatic numbers strictly less than their colouring numbers. *Ars Math. Contemp.*, 4:25–27, 2011. [SCI].
24. **X. Zhu**. The fractional version of Hedetniemi's conjecture is true. *European J. Combin.*, 32:1168–1175, 2011. [SCI,NSYSU].
25. C.-Y. Yang and **X. Zhu**. Cycle adjacency of planar graphs and 3-colourability. *Taiwanese J. Math.*, 15:1575–1580, 2011. [SCI,NSYSU].
26. W. Wang and **X. Zhu**. Entire colouring of plane graphs. *J. Combin. Theory Ser. B*, 101:490–501, 2011. [SCI].
27. W. Wang, X. Yue, and **X. Zhu**. The surviving rate of an outerplanar graph for the firefighter problem. *Theoret. Comput. Sci.*, 2011:913–921, 412. [SCI,NSYSU].
28. T.-L. Wong Á. Seress and **X. Zhu**. Distinguishing labeling of the actions of almost simple groups. *Combinatorica*, 31:489–506, 2011. [SCI].
29. J. Grytczuk, J. Przybyło, and **X. Zhu**. Nonrepetitive list colourings of paths. *Random Structures Algorithms*, 38:162–173, 2011. [SCI].
30. F. Fiorenzi, P. Ochem, P. Ossona de Mendez, and **X. Zhu**. Thue choosability of trees. *Discrete Appl. Math.*, 159:2045–2049, 2011. [SCI].
31. R. Churchley, J. Huang, and **X. Zhu**. Complexity of cycle transverse matching problems. In *Combinatorial algorithms, Lecture Notes in Comput. Sci.*, volume 7056, pages 135–143. Springer, Heidelberg, 2011.
32. M. Chen, A. Raspaud, N. Roussel, and **X. Zhu**. cyclic 4-choosability of planar graphs. *Discrete Math.*, 311:92–101, 2011. [SCI].
33. **X. Zhu**. Fractional hedetniemi's conjecture is true. *European Journal of Combinatorics*, 32(7):1168–1175, 2011. [SCI, NSYSU](2009 Impact Factor: 0.822).

34. Edita Máčajová, Andre Raspaud, Michael Tarsi, and **X. Zhu**. Short cycle covers of graphs and nowhere-zero flows. *Journal of Graph Theory*, 68:340–348, 2011. [SCI, NSYSU](2009 Impact Factor: 0.662).
35. Andre Raspaud and **X. Zhu**. Circular flow on signed graphs. *Journal of Combintorial Theory Ser. B*, 101:464–479, 2011. [SCI, NSYSU](2009 Impact Factor: 1.155).
36. Daphne Liu, Serguei Norine, Zhishi Pan, and **X. Zhu**. Circular consecutive choosability of k-choosable graphs. *Journal of Graph Theory*, 67:178–197, 2011. [SCI, NSYSU](2009 Impact Factor: 0.662).
37. Tsai-Lien Wong and **X. Zhu**. Total weight choosability of graphs. *Journal of Graph Theory*, 66:198–212, 2011. [SCI, NSYSU](2009 Impact Factor: 0.662).

徐洪坤教授 (Hong-Kun Xu) (77 年 4 月畢業，95 年 8 月到校)

(A) 期刊論文

1. Hongjin He, Chen Ling, and **Hong-Kun Xu**. A relaxed projection method for split variational inequalities. *Journal of Optimization Theory and Applications*, 166(1):213–233, 2015. [SCI,NSYSU].
2. **Hong-Kun Xu**. The supporting hyperplane and an alternative to solutions of variational inequalities. *Journal of Nonlinear and Convex Analysis*, 16(11):2323–2331, 2015. [SCI,NSYSU].
3. **Hong-Kun Xu**. Weak convergence of iterative methods for two accretive operators in banach spaces. *Journal of Nonlinear and Convex Analysis*, 2015. [SCI,NSYSU].
4. **Hong-Kun Xu**. Pricing asian options via taylor approximations. *Journal of Nonlinear and Convex Analysis*, 16(10): 2067–2086, 2015. [SCI,NSYSU].
5. **Hong-Kun Xu**. A projection-based splitting method for structured variational inequalities. *Journal of Nonlinear and Convex Analysis*, 16(8):1539–1556, 2015. [SCI,NSYSU].
6. **Hong-Kun Xu**. A new accuracy criterion for the contraction proximal point algorithm with two monotone operators. *Journal of Nonlinear and Convex Analysis*, 16(2):273–287, 2015. [SCI,NSYSU].
7. Yunfeng Jia, Jianhua Wu, and **Hong-Kun Xu**. Positive solutions of a Lotka-Volterra competition model with cross-diffusion. *Computers & Mathematics with Applications*, 68(10):1220–1228, 2014. [SCI,NSYSU].
8. Yaqin Wang and **Hong-Kun Xu**. Hybrid method for a class of accretive variational inequalities involving nonexpansive mappings. *Journal of Inequalities and Applications*, 2014. [SCI,NSYSU].
9. Yonghong Yao, Giuseppe Marino, **Hong-Kun Xu**, and Yeong-Cheng Liou. Construction of minimum-norm fixed points of pseudocontractions in hilbert spaces. *Journal of Inequalities and Applications*, 2014. [SCI,NSYSU].
10. **Hong-Kun Xu**. Properties and iterative methods for the lasso and its variants. *Chinese Annals of Mathematics, Ser. B*, 35(3), 2014. [NSYSU].
11. Maryam A. Alghamdi, Mohammad Ali Alghamdi, Naseer Shahzad, and **Hong-Kun Xu**. The implicit midpoint rule for nonexpansive mappings. *Fixed Point Theory and Applications*, 2014. [SCI,NSYSU].
12. Yunfeng Jia, Jianhua Wu, and **Hong-Kun Xu**. Blow-up behavior of positive solutions for a chemical fuel ignition device model. *Journal of Mathematical Physics*, 2014. [SCI,NSYSU].
13. Kun-Peng Jin, Ti-Jun Xiao, and **Hong-Kun Xu**. Darboux transformations for two classes of incompressible fluid equations. *Journal of Nonlinear and Convex Analysis*, 15(5):929–939, 2014. [SCI,NSYSU].
14. Yamin Wang and **Hong-Kun Xu**. Strong convergence for the proximal-gradient method. *Journal of Nonlinear and Convex Analysis*, 15(3):581–593, 2014. [SCI,NSYSU].
15. **Hong-Kun Xu**, Tae Hwa Kim, and Ximing Yin. Weak continuity of the normalized duality map. *Journal of Nonlinear and Convex Analysis*, 15(3):595–604, 2014. [SCI,NSYSU].
16. Songnian He and **Hong-Kun Xu**. Uniqueness of supporting hyperplanes and an alternative to solutions of variational inequalities. *J. Global Optim.*, 57(4):1375–1384, 2013. (Published online 23 October 2012.) DOI 10.1007/s10898-012-9995-z. [SCI,NSYSU].
17. Guangsheng Wei and **Hong-Kun Xu**. Inverse spectral analysis for the transmission eigenvalue problem. *Inverse Problems*, 29(11), 2013. [SCI,NSYSU].
18. L.C. Ceng, Jianhua Wu, **Hong-Kun Xu**, and C.F. Wen. Relaxed viscosity approximation methods with regularization for constrained minimization problems. *Journal of Applied Mathematics*, 2013. Article ID 531859, 19 pages. [SCI,NSYSU].
19. Yunfeng Jia, Jianhua Wu, and **Hong-Kun Xu**. On qualitative analysis for a two competing fish species model with a combined non-selective harvesting effort in the presence of toxicity. *Communications On Pure And Applied Analysis*, 12:1927–1941, 2013. [SCI,NSYSU](2011 Impact Factor = 0.692).

20. F. Cianciaruso, V. Colao, G. Marino, and **Hong-Kun Xu**. A compactness result for differentiable functions with an application to boundary value problems. *Annali di Matematica*, 192:407–421, 2013. [SCI,NSYSU](2011 Impact Factor: 0.838).
21. Y.F. Jia, J.H.Wu, and **Hong-Kun Xu**. Spatial pattern in an ecosystem of phytoplankton-nutrient from remote sensing. *Journal of Mathematical Analysis and Applications*, 402:23–34, 2013. [SCI,NSYSU].
22. Maryam A. Alghamdi, Mohammad Ali Alghamdi, Naseer Shahzad, and **Hong-Kun Xu**. Properties and iterative methods for the Q-Lasso. *Abstract and Applied Analysis*, 2013. [SCI,NSYSU].
23. Zahra Al-Rumaih, Souhail Chebbi, and **Hong-Kun Xu**. A halpern-lions-reich-like iterative method for nonexpansive mappings. *Abstract and Applied Analysis*, 14:289–299, 2013. [SCI,NSYSU].
24. Ti-Jun Xiao, James H Liu, and **Hong-Kun Xu**. Integral and differential systems in function spaces and related problems. *Journal of Function Spaces and Applications*, 2013. [SCI,NSYSU].
25. F. Li, J. Liang, and **Hong-Kun Xu**. Existence of mild solutions for fractional integrodifferential equations of sobolev type with nonlocal conditions. *Journal of Mathematical Analysis and Applications*, 391:510–525, 2012. [SCI,NSYSU].
26. Genaro Lopez, Victoria Martin-Marquez, Fenghui Wang, and **Hong-Kun Xu**. Solving the split feasibility problem without prior knowledge of matrix norms. *Inverse Problems*, 28, 2012. 085004(18pp)[SCI,NSYSU], (2011 Impact Factor = 1.880).
27. Fang Li, Ti-Jun Xiao, and **Hong-Kun Xu**. On nonlinear neutral fractional integrodifferential inclusions with infinite delay. *Journal of Applied Mathematics*, 2012. (doi:10.1155/2012/916543)[SCI,NSYSU], (2011 Impact Factor = 0.656).
28. Yonghong Yao, Vittorio Colao, Giuseppe Marino, and **Hong-Kun Xu**. Implicit and explicit algorithms for minimum-norm fixed points of pseudocontractions in hilbert spaces. *Taiwanese Journal of Mathematics*, 16(4):1489–1506, 2012. [SCI,NSYSU], (2011 Impact Factor = 0.555).
29. Fenghui Wang and **Hong-Kun Xu**. Weak and strong convergence theorems for variational inequality and fixed point problems with tseng's extragradient method. *Taiwanese Journal of Mathematics*, 16:1125–1136, 2012. [SCI,NSYSU], (2011 Impact Factor = 0.555).
30. Y.F. Jia, J.H.Wu, and **Hong-Kun Xu**. Analysis of bifurcation and stability on solutions of a lotka-volterra ecological system with cubic functional responses and diffusion. *Communications in Mathematical Research*, 28(2):127–136, 2012. [SCI,NSYSU].
31. Y. Wang, **Hong-Kun Xu**, and X. Yin. Strong convergence theorems for generalized equilibrium, variational inequalities and nonlinear operators. *Arab. J. Math.*, 2012. DOI 10.1007/s40065-012-0032-3. [SCI,NSYSU].
32. Y. Wang, **Hong-Kun Xu**, and X. Fang. A hybrid extragradient-like method for variational inequalities, equilibrium problems, and an infinite family of strict pseudocontractive mappings. *Journal of Applied Mathematics*, 2012, 2012. Article ID 804642, 15 pages. doi:10.1155/2012/804642. [SCI,NSYSU].
33. Z. Al-Rumaih, S. Chebbi, and **Hong-Kun Xu**. Noncompact equilibrium points and applications. *Journal of Applied Mathematics*, 2012, 2012. Article ID 373462, 9 pages, doi:10.1155/2012/373462.[SCI,NSYSU].
34. Y. Yao, T.H. Kim, S. Chebbi, and **Hong-Kun Xu**. A modified extragradient method for the split feasibility and fixed point problems. *Journal of Nonlinear and Convex Analysis*, 13(3), 2012. [SCI,NSYSU].
35. Genaro Lopez, Victoria Martin-Marquez, Fenghui Wang, and **Hong-Kun Xu**. Forward-backward splitting methods for accretive operators in banach spaces. *Abstract and Applied Analysis*, 2012, 2012. 109236(25pp)[SCI,NSYSU], (2011 Impact Factor = 1.318).
36. Y. Su and **Hong-Kun Xu**. A duality fixed point theorem and applications. *Fixed Point Theory*, 13(1):259–265, 2012. [SCI,NSYSU].
37. Guang-Sheng Wei and **Hong-Kun Xu**. Inverse spectral problem with partial information given on the potentialand norming constants. *Transactions of the American Mathematical Society*, 364:3265–3288, 2012. [SCI,NSYSU], (2011 Impact Factor = 1.093).
38. Xian-Fa Luo, Chong Li, Jen-Chih Yao, and **Hong-Kun Xu**. Existence of best simultaneous approximations in lp(s,sigma,x). *Journal of Approximation Theory*, 163:1300–1316, 2011. [SCI,NSYSU],Impact Factor = 0.681.
39. **Hong-Kun Xu** and Wang Fenghui. Cyclic algorithms for split feasibility problems in hilbert spaces. *Nonlinear Analysis*, 74:4105–4111, 2011. [SCI,NSYSU],Impact Factor = 1.536.
40. **Hong-Kun Xu**, Wang Fenghui, and Su Meng. Choices of variable steps of the cq algorithm for the split feasibility problem. *Fixed Point Theory*, 12(2):489–496, 2011. [SCI,NSYSU],Impact Factor = 0.970.
41. **Hong-Kun Xu**, Jia Yunfeng, and Ravi P. Agarwal. Existence of positive solutions for a prey- predator model with refuge and diffusion. *Applied Mathematics and Computation*, 217:8264–8276, 2011. [SCI,NSYSU],Impact Factor = 1.317.
42. Ceng Lu-Chuan, Yao Jen-Chih, and **Hong-Kun Xu**. Uniformly normal structure and uniformly lipschitzian semigroups. nonlinear analysis. *Nonlinear Analysis*, 73:3742–3750, 2010. [SCI,NSYSU],Impact Factor = 1.279.
43. Y. Jia, J. Wu, and **Hong-Kun Xu**. Positive solutions for a predator-prey interaction model with holling-type functional response and diffusion. Accepted by *Taiwanese Journal of Mathematics*, 15(5):2013–2034, 2011. [SCI,NSYSU],Impact Factor = 0.555.

44. J. Liu, Y.L. Jiang, and **Hong-Kun Xu**. Embedded waveform relaxation methods for parabolic partial functional differential equations. Accepted by *Taiwanese Journal of Mathematics*, 15(2):829–855, 2011. [SCI,NSYSU],Impact Factor = 0.555.
45. Y. Yao and **Hong-Kun Xu**. Iterative methods for finding minimum-norm fixed points of nonexpansive mappings with applications. *Optimization*, 60(6):645–658, 2011. [SCI,NSYSU],Impact Factor = 0.500.
46. **Hong-Kun Xu**. Averaged mappings and the gradient-projection algorithm. *Journal of Optimization Theory and Applications*, 150:360–378, 2011. [SCI,NSYSU],Impact Factor = 1.062.
47. G.S. Wei and **Hong-Kun Xu**. Left-definite spaces of singular Sturm-Liouville problems. *Mathematische Nachrichten*, 284:381–392, 2011. [SCI,NSYSU],Impact Factor = 0.682.
48. G. Marino and **Hong-Kun Xu**. Explicit hierarchical fixed point approach to variational inequalities. *Journal of Optimization Theory and Applcations*, 149:61–78, 2011. [SCI,NSYSU],Impact Factor = 1.062.
49. F. Cianciaruso, G. Marino, L. Muglia, and **Hong-Kun Xu**. Notes on graph convergence for maximal monotone operators. *Bulletin of the Australian Mathematical Society*, 83:22–29, 2011. [SCI,NSYSU].

吳佼佼教授 (Jiaojiao Wu) (98 年 6 月畢業，100 年 8 月到校，102 年 7 月離職)

(A) 期刊論文

1. Gerard J. Chang, Bo-Jr Li, and **Jiaojiao Wu**. Rainbow domination and related problems on strongly chordal graphs. *Discrete mathematics*, 161:1395–1401, 2013. [SCI,NSYSU].
2. Chun-Ying Chiang, Liang-Hao Huang, Bo-Jr Li, **Jiaojiao Wu**, and Hong-Gwa Yeh. Some results on the target set selection problem. *Journal of Combinatorial Optimization*, 29:1–14, 2012. [SCI,NSYSU].
3. Tsai-Lien Wong, **Jiaojiao Wu**, and Xuding Zhu. Total weight choosability of cartesian product of graphs. *European Journal of Combinatorics*, 33:1725–1738, 2012. [SCI,NSYSU].
4. Gerard J. Chang, Changhong Lu, **Jiaojiao Wu**, and Qinglin Yu. Vertex coloring 2-edge weighting of bipartite graphs. *Taiwanese Journal of Mathematics*, 15(4):1807–1813, 2011. [SCI].

張定邦教授 (Ting-Pang Chang) (100 年 6 月畢業，102 年 8 月到校)

(A) 期刊論文

1. **T.-P. Chang** and L.-D. Tong. The hamiltonian numbers in graphs. *ARS Combinatoria*, 123:151–158, 2015. [SCI, NSYSU].
2. **T.-P. Chang** and L.-D. Tong. Choice identification of a graph. *Discrete Applied Mathematics*, 167:61–71, 2014. [SCI, NSYSU].
3. **T.-P. Chang** and L.-D. Tong. The hamiltonian numbers in digraphs. *Journal of Combinatorial Optimization*, 5(4): 694–701, 2013. [SCI, NSYSU].
4. **T.-P. Chang** and X. Zhu. On-line 3-choosable planar graphs. *Taiwanese J. Math.*, 16:511–519, 2012. [SCI].
5. G. J. Chang, **T.-P. Chang**, and L.-D. Tong. The hamiltonian numbers of Möbius double loop networks. *Journal of Combinatorial Optimization*, 23:462–470, 2012. [SCI, NSYSU].
6. **T.-P. Chang** and L.-D. Tong. The hamiltonian numbers of graphs. *Ars Combinatoria,* acceped, 2011. [SCI, NSYSU].

莊智升教授 (Chih-Sheng Chuang) (98 年 6 月畢業，102 年 8 月到校)

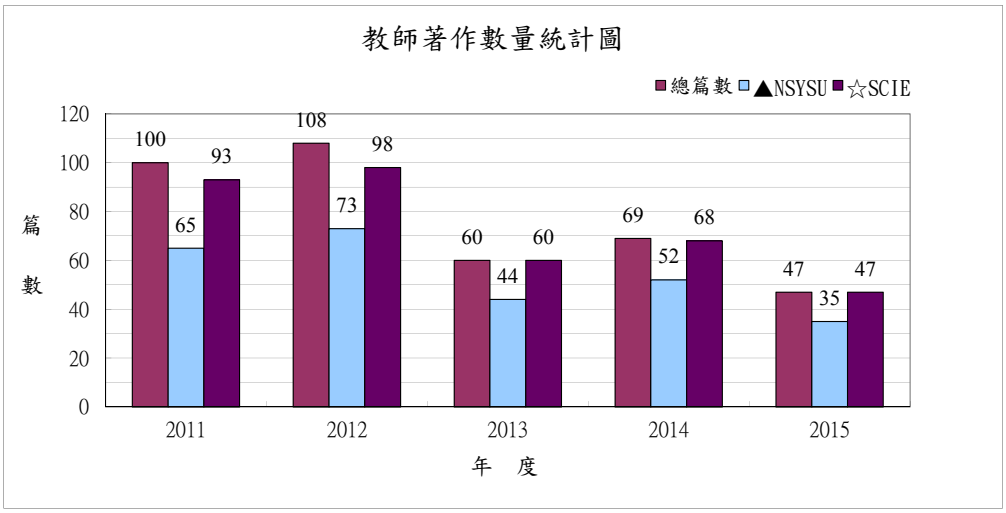
(A) 期刊論文

1. **C. S. Chuang**. Algorithms with new parameter conditions for split variational inclusion problems in hilbert spaces with application to split feasibility problem. *Optimization*, 65(4):859–876, 2016. [SCIE, NSYSU].
2. **C. S. Chuang**. Well-posedness for parametric optimization problems with variational inclusion constraint. *Optimization*, 65(4):811–825, 2016. [SCIE, NSYSU].

3. **C. S. Chuang** and Lai-Jiu Lin. Minimax theorems with bregman distancein banach spaces. *Numerical Functional Analysis and Optimization*, 37(1):51–64, 2016. [SCIE, NSYSU].
4. **C. S. Chuang**, Zenn-Tsun Yu, and Lai-Jiu Lin. Mathematical programming for the sum of two convex functions with applications to lasso problem, split feasibility problems, and image deblurring problem. *Fixed Point Theory and Applications*, 2015. doi: 10.1186/s13663-015-0388-0. [SCI, NSYSU].
5. **C. S. Chuang** and Ing-Jer Lin. New strong convergence theorems for split variational inclusion problems in hilbert spaces. *Journal of inequalities and applications*, 2015. [SCI, NSYSU].
6. **C. S. Chuang** and W. Takahashi. Weak convergence theorems for families of nonlinear mappings with generalized parameters. *Numerical Fractional Analysis and optimaization*, 36:41–54, 2015. [SCI, NSYSU].
7. Z. T. Yu, L. J. Lin, and **C. S. Chuang**. Mathematical programming with multiple sets split monotone variational inclusion constraint. *Fixed Point Theory and Applications*, 2014. 2014:20, doi:10.1186/1687-1812-2014-20. [SCI](IF 1.87).
8. **C. S. Chuang** and L. J. Lin. Bregman distance and related results on banach spaces. *Journal of Nonlinear and Convex Analysis*, 2014. 15:1019-1041, 2014, [SCI](IF 0.93).
9. Z. T. Yu, L. J. Lin, and **C. S. Chuang**. A unified study of the split feasible problems with application. *Journal of Nonlinear and Convex Analysis*, 2014. 15:605-622, 2014, [SCI](IF 0.93).
10. **C. S. Chuang**. Strong convergence theorems for split variational inclusion problem in Hilbert spaces. *Fixed Point Theory and Applications*, 2013. 2013:350, doi:10.1186/1687-1812-2013-333. [SCI, NSYSU](IF 1.87).
11. L. J. Lin, Y. D. Chen, and **C. S. Chuang**. Solutions for a variational inclusion problem with applications to multiple sets split feasibility problems. *Fixed Point Theory and Applications*, 2013. 2013:333, doi:10.1186/1687-1812-2013-333. [SCI, NSYSU](IF 1.87).
12. **C. S. Chuang** and L. J. Lin. New existence theorems for quasi-equilibrium problems and a minimax theorem on complete metric spaces. *Journal of Global Optimization*, 57:533–547, 2013. DOI: 10.1007/s10898-012-0004-3. [SCI](IF 1.196).
13. **C. S. Chuang** and L. J. Lin. Existence and uniqueness of solution for quasi-equilibrium problems and fixed point problems on complete metric spaces with applications. *Journal of Global Optimization*, 57:829–841, 2013. DOI: 10.1007/s10898-012-9976-2. [SCI](IF 1.196).
14. **C. S. Chuang**, L. J. Lin, and W. Takahashi. Halpern's type iterations with perturbations in a Hilbert space: equilibrium solutions and fixed points. *Journal of Global Optimization*, 56:1591–1601, 2013. [SCI](IF 1.196).
15. L. J. Lin, Z. T. Yu, and **C. S. Chuang**. Weak and strong convergence theorems for asymptotically pseudo-contraction mappings in the intermediate sense in Hilbert spaces. *Journal of Global Optimization*, 56:165–183, 2013. [SCI](IF 1.096).
16. **C. S. Chuang**. Strong convergence theorems for solutions of equations of hammerstein type. *Journal of Applied Mathematics*, (doi: 10.1155/2013/541079), 2013. [SCI].
17. **C. S. Chuang**, L. J. Lin, and W. Takahashi. Fixed point theorems for single-valued and set-valued mappings on complete metric spaces. *Journal of Nonlinear and Convex Analysis*, 13:515–527, 2012. [SCI](IF 0.93).
18. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Convergence theorems of common fixed points for some semigroups of nonexpansive mappings in complete CAT(0) spaces. *Fixed Point Theory and Applications*, 2012: 155, 2012. doi: 10.1186 / 1687 -1812- 2012- 155. [SCI](IF 1.196).
19. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Weak and strong convergence theorems of implicit iteration process on banach spaces. *Fixed Point Theory and Applications*, 2011:96, 2011. [SCI](IF 1.63).
20. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Fixed point theorems for mappings with condition (B). *Fixed Point Theory and Applications*, 2011:92, 2011. [SCI](IF 1.63).
21. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Fixed point theorems and Δ-convergence theorems for generalized hybrid mappings in CAT(0) spaces. *Fixed Point Theory and Applications*, 2011:49, 2011. [SCI](IF 1.63).
22. Lai-Jiu Lin and **C. S. Chuang**. Some new fixed point theorems of generalized nonlinear contractive multivalued maps in complete metric spaces. *Computers and Mathematics with Applications*, 62:3555–3566, 2011. [SCI](IF 1.747).
23. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Generalized kkm theorems and common fixed point theorems. *Nonlinear Analysis*, 74:5591–5599, 2011. [SCI](IF 1.536).
24. L. J. Lin, **C. S. Chuang**, and Z. T. Yu. Fixed point theorems for some new nonlinear mappings in hilbert spaces. *Fixed Point Theory and Applications*, 2011:51, 2011. [SCI](IF 1.63).

	2011			2012			2013			2014			2015		
	篇數	▲	☆	篇數	▲	☆	篇數	▲	☆	篇數	▲	☆	篇數	▲	☆
羅夢娜	2	2	2	0	0	0	2	2	2	1	1	1	1	1	1
李子才	8	8	8	退休			退休			退休			退休		
姚任之	45	17	40	31	5	29	15	6	15	13	2	13	7	0	7
黃毅青	9	9	9	19	19	17	9	9	9	13	13	13	7	7	7
羅春光	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
朱緒鼎	13	7	13	9	1	9	2	0	2	7	1	7	2	0	2
張福春	1	1	0	3	3	0	2	2	2	1	1	1	0	0	0
蔡志賢	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
郭美惠	0	0	0	8	8	6	3	3	3	2	2	1	3	3	3
呂宗澤	1	1	1	3	3	3	2	2	2	2	2	2	0	0	0
徐洪坤	11	11	11	14	14	14	9	9	9	9	9	9	6	6	6
黎景輝	0	0	0	0	0	0	╳	╳	╳	╳	╳	╳	╳	╳	╳
何宗軒	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0
黃杰森	1	1	1	4	4	4	1	1	1	1	1	1	1	1	1
王彩蓮	2	2	2	6	6	6	1	1	1	4	4	4	5	5	5
董立大	1	1	1	3	3	3	1	1	1	2	2	2	2	2	2
蔣永延	1	1	1	2	1	2	0	0	0	0	0	0	0	0	0
陳美如	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
李宗錂	1	1	0	1	1	0	0	0	0	2	2	2	1	1	1
張　中	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
黃信元	—	—	—	1	0	0	1	1	1	3	3	3	1	1	1
黃皓瑋	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1
張宏鏞	0	0	0	╳	╳	╳	╳	╳	╳	╳	╳	╳	╳	╳	╳
吳佼佼	1	0	1	2	2	2	1	1	1	╳	╳	╳	╳	╳	╳
莊智升	—	—	—	—	—	—	7	2	7	3	3	3	3	3	3
張定邦	—	—	—	—	—	—	1	1	1	1	1	1	1	1	1
洪芷漪	—	—	—	—	—	—	—	—	—	—	—	—	2	0	2
合計	100	65	93	108	73	98	60	44	60	69	52	68	47	35	47
平均篇數	4.55	2.95	4.23	5.14	3.48	4.67	2.73	2.00	2.73	3.29	2.48	3.24	2.04	1.52	2.04

註：—表尚未到校　╳表離職　▲表 NSYSU　☆表 SCIE



四、師生近五年研討會發表論文

1. 李宗鋐，Mixed volume computation in parallel (2011 South Taiwan Workshop on Scientific Computing and Applications，2011 南區科學計算與應用研討會，100.02.26，國家科學理論中心，台南)
2. 張　中、A new nonparametric estimator for survival functions when censoring times are missing (國立中山大學-香港中文大學統計研討會、100.03.03～100.03.05、國立中山大學)
3. 李宗鋐，The realization of solving large scale polynomial systems (Joint International Workshop on Trefftz Method VI and Method of Fundamental Solutions II，100.03.15～100.03.18，國立中山大學)
4. 李宗鋐，Linear programming in mixed cell enumeration (2011 年第 12 屆計算數學研討會，100.04.22～100.04.23，國立交通大學)
5. 李宗鋐，Computing principal eigenvectors in principal component analysis (The 7th Workshop of Numerical Algebra and Applications 第七屆數值代數與應用研討會，100.06.11~100.06.12，嘉義大學)
6. 李宗鋐，Computing principal eigenvectors of large scale covariance matrices (The 20th South Taiwan Statistics Conference，100.06.24～100.06.25，國立中正大學)
7. 郭美惠、李根良，Parameter estimation of time series models based on rounded data (The Sixth International Conference on Probability and Statistics，PROBASTAT 2011，100.07.04～100.07.08，Smolenice Castle，Slovakia)
8. 黃毅青，Linear orthogonality preservers of Hilbert C*-modules (5th Workshop of Matrices and Operators，100.07.08～100.07.12，Chengdu，China)
9. 李子才，Mixed types of boundary conditions of linear elastostatics and their numerical solutions (The 7th International Congerss on Industrial & Applied Mathematics, ICIAM 2011，100.07.18～100.07.22，Vancouver，Canada)
10. 李子才，Error analysis for hybrid Trefftz methods coupling traction conditions in linear elastostatics, ICIAM 2011 (The 7th International Congerss on Industrial & Applied Mathematics, ICIAM 2011，100.07.18～100.07.22，Vancouver，Canada)
11. 李子才、黃宏財、Cai-Pin Liaw and Ming-Gong Lee，The null-field method of Dirichlet problems of Laplace's equation on circular domains with circular holes (The 7th International Congerss on Industrial & Applied Mathematics, ICIAM 2011，100.07.18～100.07.22，Vancouver，Canada)
12. 李子才、黃宏財 and Y. Wei，Ill-conditioning of the truncation singular value decomposition and the Tikhonov regularization and their application to numerical partial differential equations (The 7th International Congerss on Industrial & Applied Mathematics, ICIAM 2011，100.07.18～100.07.22，Vancouver，Canada
13. 李宗鋐，Parallelization of the mixed cell computation (ICIAM 2011，100.07.21，Vancouver，BC，Canada)
14. 陳美如，Nash equilibriums in two-person red-and black games (The 2011 ISI Young Statistician Meeting, YSI 2011，100.08.19～100.08.21，Dublin，Ireland)
15. 郭美惠、張育群、黃士峰，Pricing American options in a jump diffusion model (CSE 2011, The 14th IEEE International Conference on Computation Science and Engineering，第 14 屆電機電子工程師學會計算科學與工程國際會議，100.08.24～100.08.26，大連理工大學，China)

16. 李宗錂，Computing principal eigenvectors for large size martices (The first International Congress on Natural Sciences with Sisterhood Universities，100.08.25～100.08.27，釜慶大學，Korea)

17. 黃杰森，A Locally Conservative Eulerian-Lagrangian Finite volume WENO Scheme for Advection Problems (The European numerical Mathematics and Advanced Applications，ENUMATH，100.09.05～100.09.09，Leicester，UK)

18. 董立大，Graphs with minimum size and minimum identifying code (Second India-Taiwan Conference on Discrete Mathematics ，第 2 屆台印離散數學會議，100.09.08～100.09.11，Coimbatore，India)

19. 王彩蓮，Total weight choosability of graphs (Second India-Taiwan Conference on Discrete Mathematics ，第 2 屆台印離散數學會議，100.09.08～100.09.11，Coimbatore，India)

20. Tianran Chen*，李宗錂，T. Y. Li，Hom4ps in Parallel (2011 SIAM Conference on Applied Algebraic Geometry，100.10.06～100.10.09，North Carolina State University，Raleigh，North Carolina，USA)

21. 黃毅青，The problem of Banach-Stone for completely regular spaces (9th Philippines-Taiwan Symposium on analysis，第 9 屆台灣菲律賓分析研討會，100.10.24～100.10.28，Cebu and Bohol，Philippines)

22. 徐洪坤，Convex Relaxations for Recovering Sparse Signals with Noise (The Workshop on Scientific Computing，100.12.10～100.12.12，澳門 Macao，China)

23. 呂宗澤，Effective and true condition numbers of linear systems (The Workshop on Scientific Computing，100.12.10～100.12.12，澳門 Macao，China)

24. 呂宗澤，Iterative functional differential equations (Cross Strait Conference on Applied Mathematics，海峽兩岸應用數學會議，101.04.07～101.04.11，寧波，China)

25. 黃毅青，A Murrary-von Neumann type classification of C*-algebras (International Conference on Jordan Theory, Analysis and Related Topics，101.04.30～101.05.04，The Chinese University of Hong Kong，China)

26. 羅春光，A general Schrodinger operator acting on graphene and nanotubes (International Conference on Jordan Theory, Analysis and Related Topics，101.04.30～101.05.04，The Chinese University of Hong Kong，China)

27. 徐洪坤，Iterative methods for structural sparse optimization (International Conference-Jordan Theory, Analysis and Related Topics 2012，101.05.02～101.05.05，The Chinese University of Hong Kong，China)

28. 黃毅青，Linear preservers of operator algebras (International Conference on Mathematics and Statistics，101.05.15～101.05.18，Memphis，TN，USA)

29. 徐洪坤，Splitting methods for finding zeros of the sum of monotone operators (Workshop on Infinite Products of Operators and Their Applications，101.05.21～101.05.24，Haifa，Israel)

30. 黃毅青，The triangle of topology, bornology and operators (2012 Workshop on Mathematical Analysis，101.06.06，國立彰化師範大學)

31. 董立大，Graphs with Minimum Identifying Code and Minimum Size (SIAM Conference on Discrete Mathematics, 9th Workshop on Algorithms and Models for the Web Graph，101.06.16～101.06.25，Halifax，Nova Scotia，Canada)

32. 吳佼佼，Total Weight Choosability of Cartesian Product of Graphs (SIAM Conference on Discrete

Mathematics, 9th Workshop on Algorithms and Models for the Web Graph，101.06.18～101.06.23，Halifax，Nova Scotia，Canad)

33. 黃毅青，A Murray-von Neumann type classification of C*-albegras (Special Week on Operator Algebras 2012，101.06.18～101.06.22，上海，China)

34. 陳美如，A New Two-Urn Model of Polya-Type (8th World Congress in Probability and Statistics，101.07.09～101.07.14，Istanbul，Turkey)

35. 郭美惠，Model Risk of the Implied GARCH-normal Model (8th World Congress in Probability and Statistics，101.07.09～101.07.14，Istanbul，Turkey)

36. 羅夢娜，D-optimal designs for simplex dispersion model (8th World Congress in Probability and Statistics，101.07.09～101.07.14，Istanbul，Turkey)

37. 李宗錂，A Scalable Reformulation of the Parallel Algorithm for the Mixed Volume Computation (2012 SIAM Annual Meeting，101.07.09～101.07.13，Minneapolis，USA)

38. 黃毅青，Compact disjointness preserving operators (The 7th International Workshop on Matrices and Operators，101.07.13～101.07.16，哈爾濱 Harbin，China)

39. 張　中，Classification of Images Based on Wavelet-Based Distance Measures (The Joint Statistical Meeting 2012，101.07.28～101.08.02，San Diego，USA)

40. 張福春，Exact D-Optimal Designs for First-Order Trigonometric Regression Models on a Partial Circle (The Joint Statistical Meeting 2012，101.07.28～101.08.02，San Diego，USA)

41. 呂宗澤，Effective and True Condition Numbers of Linear Systems (The Second Brazil-China Symposium on Applied and Computational Mathematics，101.08.05～101.08.10，Foz do Iguacu，Brazil)

42. 朱緒鼎，On-line list colouring of graphs (Workshop on Graph Theory and Combinatorics & 2012 Symposium for Young combinatorialists，2012 圖論和組合學研討會暨組合數學新苗研討會 2012，101.08.10～101.08.12，國立中山大學)

43. 羅夢娜，Optimal designs for a linear log contrast model in mixture experimants (第八屆海峽兩岸統計與概率研討會，101.08.15～101.08.18，黑龍江大學，哈爾濱市，China)

44. 陳美如，A New Two-Urn Model (第八屆海峽兩岸統計與概率研討會，101.08.15～101.08.18，黑龍江大學，哈爾濱市，China)

45. 郭美惠，Test for dispersion constancy in SDE models (第八屆海峽兩岸統計與概率研討會，101.08.15～101.08.18，黑龍江大學，哈爾濱市，China)

46. 羅春光，A Tikhonov regularization for the inverse nodal problem (Cross-Strait Mathematics Workshop for NSYSU-Tongji-Xiamen，101.08.30，Xiamen University，Xiamen)

47. 呂宗澤，Effective and true condition numbers of linear systems (海峽兩岸三校數學研討會，101.08.30～101.09.03，廈門大學，China)

48. 黃毅青，Compact disjointness preserving operators (海峽兩岸三校數學研討會，101.08.30～101.09.03，廈門大學，China)

49. 李宗錂，Solving polynomial systems by homotopy continuation method (海峽兩岸三校數學研討會，101.08.30～101.09.03，廈門大學，China)

50. 張　中，Classification of images based on Wavelet-based distance measures (海峽兩岸三校數學研

討會，101.08.30～101.09.03，廈門大學，China)

51. 徐洪坤，Proximal methods for sparse recovery (海峽兩岸三校數學研討會，101.08.30～101.09.03，廈門大學，China)

52. 黃信元，Variational methods for the periodic orbits of the N-body problem (海峽兩岸三校數學研討會，101.08.30～101.09.03，廈門大學，China)

53. 徐洪坤，Proximal methods for sparsity-reducing regularization (International Conference on Inverse Problems and Related Topics 2012，101.10.21～101.10.26，南京，China)

54. 董立大，Identifying codes of Cartesian product of two complete graphs (2012 International Conference on Graph Theory, Combinatorics and Applications，101.10.26～101.10.30，Zhejiang Normal University，Jinhua，China)

55. 王彩蓮，(2,2)-Total weight choosability for subcubic graphs (2012 International Conference on Graph Theory, Combinatorics and Applications，101.10.26～101.10.30，Zhejiang Normal University，Jinhua，China)

56. 黃毅青，On a notion of closeness of groups (2012 Annual Meeting of Taiwan Mathematical Society，101.12.07～101.12.09，國立交通大學)

57. 呂宗澤，Matrix with Spectrum Outside Its k-th Order Gerschgorin`s Region (The Fourth Workshop on Numerical Algebra and High Performance Computation (NAHPC2012)，101.12.08～101.12.10，澳門 Macau，China)

58. 徐洪坤，The Geometry of the Lasso and Iterative Methods (The Fourth Workshop on Numerical Algebra and High Performance Computation (NAHPC2012)，101.12.08～101.12.10，澳門 Macau，China)

59. 呂宗澤，Super-geometric Convergence of Numerical Methods for Differential Equations (The 4th Asia-Pacific International Conference on Computational Methods in Engineering，101.12.11～101.12.16，京都 Kyoto，Japan)

60. 黃杰森，A locally conservative Eulerian-Lagrangian finite volume WENO scheme for hyperbolic conservation law (The 4th Asia-Pacific International Conference on Computational Methods in Engineering，101.12.12～101.12.14，京都 Kyoto，Japan)

61. 徐洪坤，Projection Methods for Sparsely Regularized Minimization Problems (The International Symposium on Nonlinear Analysis and Optimization，102.01.31～102.02.02，釜山 Busan，Korea)

62. 徐洪坤，Stochastic Processes for Finance (Seminar of Actuarial and Financial Mathematics，102.02.22～102.02.24，City University of Hong Kong，China)

63. 徐洪坤，The Pricing of Asian Options (Seminar of Actuarial and Financial Mathematics，102.03.01～102.03.03，City University of Hong Kong，China)

64. 黃信元，On the entire radial solutions of the Chern-Simons SU(3) system (The 5th OCAMI-TIMS Joint International Workshop on Differential Geometry and Geometric Analysis，102.03.25～102.03.27，Osaka，Japan)

65. 黃杰森，A Localy Conservative Eulerian-Lagragian FiniteVolume Weno Scheme for Hyperbolic Conservation (2013 SIAM Conference on Mathematical & Computational Issues in the Geosciences, GS13，102.06.17～102.06.20，Padua，Italy)

66. 郭美惠，Statistical Models of Market Reactions to Influential Trades (The 2013 IMS-FPS Workshop，

102.06.19～102.06.21，Singapore)

67. 黃毅青，Linear Orthogonality Preservers of Hilbert C*-modules (International Conference on Operator Algebras and Applications，102.06.20～102.06.23，Nanjing，China)

68. 黃信元，On the entire radial solutions in Chern-Simons Equations (The Second Pacific Rim Mathematical Association Congress，102.06.24～102.06.28，Shanghai，China)

69. 黃毅青，Zero Products and Norm Preserving Orthogonally Additive Homogeneous Polynomials on C*-algebras (The Second Pacific Rim Mathematical Association Congress，102.06.24～102.06.28，Shanghai，China)

70. 羅春光，A Tikhonov Regularization for the Reconstruction of Potentials for p-Laplacian (The Asian Mathematical Conference 2013，102.06.30～102.07.04，Busan，Korea)

71. 黃毅青，Orthogonality and Disjointness Preserving Linear Maps Between Fourier and Fourier-Stieltjes Algebras of Locally Compact Groups (Workshop on Orthogonality Preservers on C*-algebras and Jordan Structures，102.07.02～102.07.04，Granada，Spain)

72. 董立大，Identifying Coloring of a Graph (Seventh Czech-Slovak International Symposium on Graph Theory, Combinatorics, Algorithms and Applications，102.07.06～102.07.13，Kosice，Slovakia)

73. 李宗錂，A non-gap-revealing Method for Determining Numerical Rank (2013 SIAM Annual Meeting，102.07.08～102.07.12，San Diego，USA)

74. 黃毅青，Kaplansky Theorem for Completely Regular Spaces (2013 Workshop on Matrices and Operators，102.07.15～102.07.18，Beijing，China)

75. 徐洪坤，Optimization for Conpressed Sensing (山海論壇，102.07.17～102.07.20，Shanghai，China)

76. 羅春光，Characteristic Functions of Quantum Graphs (Xiamen-Tongji-Sunyatsen Workshop in Mathematics，102.07.18～102.07.20，Tongji University，Shanghai，China)

77. 陳美如，A new two urn model of Polya type (29th European Meeting of Statisticians，102.07.20～102.07.25，Budapest，Hungary)

78. 呂宗澤，Super-Geometric Convergence of Numerical Methods for Differential Equations (12th U.S. National Congress on Computational Mechanics，102.07.22～102.07.25，Raleigh，North Carolina，USA)

79. 徐洪坤，Proximal Methods and Their Applications (Intentional Conference on Analytic Mathematics and its Applications, ICAMA 2013，102.08.01～102.08.04，Tianjin，China)

80. 黃毅青，Ortogonally Additive and Multiplicative Homorphic Functions on C*-algebras (Intentional Conference on Analytic Mathematics and its Applications, ICAMA 2013，102.08.01～102.08.04，Tianjin，China)

81. 莊智升，Algorithms for Generalized Split Feasibility Problems in Hilbert Spaces (8th International Conference on Nonlinear Analysis and Convex Analysis, NACA 2013，102.08.02～102.08.06，Aomori，Japan)

82. 羅夢娜，*C*-optimal Design of Experiments for Estimation in Simplex Disperion Model (2013 Joint Statistical Meetings，102.08.03～102.08.08，Montreal，Canada)

83. 張 中，Estimaton Simultaneous Confidence Bands for the Mean Function: A Wild Bootstrap Approach (2013 Joint Statistical Meetings，102.08.03～102.08.08，Montreal，Canada)

84. 郭美惠，Monitoring Change Point for Diffusion Parameter Based on Discretely Observed Sample from SDE Models (2013 Joint Statistical Meetings，102.08.03～102.08.08，Montreal，Canada)

85. 黃信元，On the Entire Radial Solutions Arising in Chern-Simons Equations (第二屆南區微分方程研討會，102.08.30，國立中山大學)

86. 羅春光，A Characteristic Function Approach to the Spectrum of Graphene-like Graphs (Postech-NCTS Joint Workshop on PDEs，102.10.17～102.10.18，Pohang Mathematical Institute，Pohang，South Korea)

87. 陳美如，On the Cover Time of a Random Walk with Reflection Barriers (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

88. 莊智升，Strong Convergence Theorems for Split Feasibility Problems with Related Results in Hilbert Spaces (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

89. 董立大，Neighborhood Sequences of Graphs (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

90. 黃杰森，Recent Progress on Eulerian-lagrangian Schemes for Nonlinear Transport (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

91. 羅御宸、羅春光，Distribution of the Prufer Angle in p-Laplacian Eigenvalue Problems (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

92. 梁育菖、王彩蓮，Anti-magic Labeling of Regular Graphs (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

93. 林哲宇、王彩蓮，Circular Total Chromatic Numbers of Graphs (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

94. 賴金君、徐洪坤，Pricing Asian Options Via Taylor Approximations (2013 中華民國數學會年會暨數學學術研討會，102.12.06～102.12.08，中華民國數學會)

95. 莊智升，Strong Convergence Theorems for Split Variational Inclusion Problem in Hilbert Spaces (The 9th International Conference on Optmization: Techniques and Applications，102.12.12～102.12.16，臺灣科技大學)

96. 莊智升、C.C. Hong，Algorithms for the Mathematical Program with Generalized Equation Constraint in a Hilbert Space with Applications (The International Conference on Nonlinear Analysis and Optimization, ICNAO 2013，102.12.20～102.12.22，國立中山大學)

97. 徐洪坤，The Supporting Hyperplane and an Alternative to Solutions of Variational Inequalities (The International Conference on Nonlinear Analysis and Optimization, ICNAO 2013，102.12.20～102.12.22，國立中山大學)

98. 張　中，Estimating Simultaneous Confidence Bands for Functional Data: A Wild Bootstrap Approach (第九屆泛華統計研討會，102.12.20～102.12.23，香港浸會大學，Hong Kong)

99. 羅夢娜，Optimal Designs for Response Surface Models with Correlated Responses (The 2014 Pan Pacific Microelectronics Symposium，103.02.11～103.02.13，Hawaii，USA)

100. 郭美惠，Alignment and Performance for Chip-to-Chip Communication (The 2014 Pan Pacific Microelectronics Symposium，103.02.11～103.02.13，Hawaii，USA)

101. 董立大，The Rearrangeability of Banyan-type Networks with Crosstalk Constraints (The 3rd

Taiwan-Japan Conference on Combinatorics and its Applications，103.03.20～103.03.24，國立嘉義大學)

102.黃杰森，Recent Progress on Eulerian-Lagrangian Schemes for Nonlinear Transport Problems (Japan-Taiwan Joint Workshop on Numerical Analysis and Scientific Computation 2014，103.04.04～103.04.06，Tokyo Institute of Technology，Japan)

103.李宗鋐，Mixed Cell Enumeration in Solving Polynomial Systems (Japan-Taiwan Joint Workshop on Numerical Analysis and Scientific Computation 2014，103.04.04～103.04.06，Tokyo Institute of Technology，Japan)

104.徐洪坤，Splitting Methods for the-regularized Split Feasibility (International Workshop and Summer School on Variational Analysis and Approximation Theory，103.05.15～103.05.19，Hanoi，Vietnam)

105.郭美惠、李　泓，CUSUM Control Charts for INAR Models with Lognormal Innovations (2014 第九屆海峽兩岸機率與統計學術研討會，103.05.16～103.05.18，逢甲大學，國立中興大學)

106.黃毅青，Orthogonally Additive and Zero Product Preserving Holomorphic Maps (The Seventh Conference on Functions Spaces，103.05.20～103.05.24，Edwardsville，Illinois，USA)

107.黃毅青，Isometries of Real Hilbert C*-Modules (Workshop on Operator Spces, Locally Compact Quantum Groups and Amenability，103.05.26～103.05.30，Fields Institute, Toronto，Canada)

108.李宗鋐，Rank Revealing, Updating, and Downdating Problems (2014 TWSIAM Annua Meetng，103.05.31～103.06.01，國立東華大學)

109.莊智升，Algorithms for the Split Variational Inclusion Problem in Hilbert Spaces (第二屆臺灣工業與應用數學會年會，103.05.31～103.06.01，國立東華大學)

110.徐洪坤，Optimization Problems and Methods for Compressed Sensing (International Conference on Evolution Equations and Applied Analysis，103.06.10～103.06.22，上海復旦大學，China)

111.黃毅青，Isometries of Real Hilbert C*-Modules (Operator Algebras and Mathematical Physics，103.06.13～103.06.18，Dalian，China)

112.吳惠珊、郭美惠，Pairs Trading Based on State Space Models (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

113.郭美惠、林靖宜，Importance Sampling Estimation of Portfolio Expected Shortfall Via Copula Approach (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

114.林政衛、羅夢娜，*D*-optimal Designs for Binary Response Models in Mixture Experiments (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

115.盧梓璇、羅夢娜、俞淑惠，細懸浮微粒濃度資料趨勢之分析 (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

116.楊亞叡、羅夢娜，臺灣鐵路管理局火車客座利用率分析-以南迴臺東線為例 (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

117.陳美如、劉宗宜、Shoou-Ren Hsiau, Chong-Yi Lee，On Cover Times of Random Walks and Brownian Motions (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

118.張　中、陳威安，用聯合模型預測卵巢癌病患復發時間分布 (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

119.張　中、陳漢維，Statistical Analysis of Imaging Classification (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

120.羅夢娜、黃凱弘，Importance Sampling Estimation of Risk Measures with Application in PCA (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

121.張　中，Functional Data Classification: A Wavelet Approach (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

122.蔡博任、羅夢娜，基於主成分分析與多線性主成分分析之機器學習分類分法 (第 23 屆南區統計研討會暨 2014 中華機率統計學會年會及學術研討會，103.06.27～103.06.28，花蓮東華大學)

123.董立大，Neighborhood Sequences of Graphs (International Colloquium on Graph Theory and Combinatorics，103.06.30～103.07.04，University Joseph Fourier，France)

124.李宗錂，A Primal-dual Simplex Algorithm to Enumerate the Mixed Cells of a Polynomial System (2014 SIAM Annual Meeting，103.07.07～103.07.10，Chicago，USA)

125.陳美如，On the Cover Times of a Random Walk with Reflection Barriers (ASC-IMS 2014 Conference，103.07.07～103.07.10，Sydney，Australia)

126.黃杰森，An Eulerian-Lagrangian WENO Scheme for Nonlinear Conservation Laws (WCCM XI-ECCM V-ECFD VI Conference，103.07.20～103.07.25，Barcelona，Spain)

127.黃毅青，Orthogonally Additive and Zero Product Preserving Holomorphic Maps (2014 Workshop on Matrices and Operators, MaO2014，103.07.24～103.07.27，Haihou，Hainan，China)

128.黃毅青，Maps Peserving Schatten P-norms of Convex Combinations (The 12th Workshop on Numeical Ranges and Numerical Radii, WORNA, 2014，103.07.28～103.08.01，Tsinghua Sanya International Mathematics Forum，China)

129.黃毅青，Random Toeplitz Operators and Eigenvalue Distribution (International Workshop on Nonlinear and Variational Analysis, 2014，103.08.01～103.08.03，高雄醫學大學)

130.黃毅青，Orthogonally Additive and Zero Product Preserving Holomorphic Maps of Matrices (ILAS Conference 2014-Symposium on Linear Preserver Problems，103.08.05～103.08.10，Seoul，Korea)

131.莊智升，Algorithms for the Split Variational Inclusion Problem in Hilbet Spaces and Related Problems (ICM Satellite Conference 2014: The Fourth Asian Conference on Nonlinear Analysis and Optimization，103.08.05～103.08.09，國立臺灣師範大學)

132.李宗錂、Tianran Chen、Tien-Yien Li，Hom4PS-3: A Parallel Numerical Solver for Systems of Polynomial Equations Based on Polyhedral Homotopy Continuation Methods，(Th 4th International Congress on Mathematical Software, ICMS 2014，103.08.05～103.08.09，Seoul，South Korea)

133.張定邦、董立大，Choice Identification Number of Complete Bipartite Graphs (International Congress of Mathematicians 2014，103.08.11～103.08.21，韓國數學會，Korea)

134.呂宗澤，Convergence Speeds of Numerical Methods (Converence of the International Association for Boundary Element Methods, IABEM 2014，103.08.13～103.08.15，河南鄭州大學，China)

135.莊智升，Descent-conjugate Gradient Algorithm for Split Variational Inclusion Problems in Hilbert

Spaces (International Congress of Mathematicians，103.08.13～103.08.21，韓國數學會，Korea)

136.王彩蓮，Hankel Determinants of Sums of Consecutive Schroder Numbers (Japanese Conference on Combinatorics and its Applications, 2014，103.08.25～103.08.29，University of Tsukuba，Japan)

137.羅春光，A Tikhonov Regularization for the Inverse Nodal Problem for the p-Laplacian (Inverse Problems-Theory and Applications 2014，103.08.26～103.08.28，Bristol Science Centre，Bristol)

138.呂宗澤，A Double Exponentially Convergent Method for Solving ODEs (第三屆海峽兩岸計算數學研討會，103.09.19～103.09.22，湘潭大學，China)

139.黃杰森，An Eulerian-Lagrangian WENO Scheme for Nonlinear Conservation Laws (第三屆海峽兩岸計算數學研討會，103.09.19～103.09.22，湘潭大學，China)

140.李宗錂，Mixed Cell Enumeration in Solving Polynomial Systems (2014 年第四屆山海論壇暨合作成果發表會，103.10.23，國立中山大學)

141.黃毅青，Classifying C*-algebras into Three Types (Autumn Program of Operator Algebras, 2014，103.10.27～103.10.31，East China Normal University，China)

142.郭美惠，Generalizations of Principal Component Analysis：ICA and PEC (Workshop on Statistical Methods for Large Complex Data，103.11.10～103.11.12，University of Tsukuba，Japan)

143.董立大，Automorphisms of Neighborhood Seqence of a Graph (Bordeaux Graph Workshop，103.11.19～103.11.22，University of Bordeaux，France)

144.黃毅青，Random Toeplitz Operators and Eigenvalue Distribution (Workshop on Matrix Analysis and Applications，103.11.22，東吳大學)

145.郭美惠，Principal Components for Tail Variations (103 年中國統計學社社員大會暨國際統計學術研討會，103.12.06，國立交通大學)

146.莊智升，Hybrid Moreau's Proximal Algorithms and Convergence Theorems for Minimization Problem in Hilbert Spaces with Related Problem (2014 年國際數學學術術研討會暨中華民國數學會年會，103.12.06～103.12.07，國立成功大學)

147.徐洪坤，Optimization Tecniques for Nonlinear Compressed Sensing (2014 年國際數學學術術研討會暨中華民國數學會年會，103.12.06～103.12.07，國立成功大學)

148.朱緒鼎、梁育菖、潘志實、張飛黃，Anti-magic Labeling of Even Regular Graphs (2014 年國際數學學術術研討會暨中華民國數學會年會，103.12.06～103.12.07，國立成功大學)

149.陳美如，The Cover Times of Brownian Motion with Drift (2014 年國際數學學術術研討會暨中華民國數學會年會，103.12.06～103.12.07，國立成功大學)

150.黃毅青，Weak Sequential Completeness of Spaces of Homogeneous Polynomials (Workshop on Nonlinear Analysis, Combinatorial Analysis, and Matrix Analysis，104.01.14，國立臺灣師範大學)

151.莊智升，Hybrid Moreau's Proximal Algorithms and Convergence Theorems for Minimization Problem in Hilbert Spaces with Related Problem (The Ninth International Conference on Nonlinear Analysis and Convex Analysis，104.01.21～104.01.25，Naresuan University，Thailand)

152.李宗錂，Hom4PS-3: A parallel numerical solver for systems of polynomial equations (2015 Conference on Advanced Topics and Auto Tuning in High Performance Scientific Computing，104.02.27～104.02.28，國立臺灣大學)

153.郭美惠，Goodness-of-fit test for Stochastic Volatility Models Based on Noisy Observations

(International Workshop in Waseda University, IWIW 2015，104.03.27，早稻田大學，Japan)

154.李宗鋐，Schur Complement Preconditioner for a Large Sparse Linear Solver (2015 計算數學薪傳及新苗研討會，104.05.15～104.05.16，國立交通大學)

155.黃毅青，Trasition Probabilities Preserving Maps (Operstor Algebra and Harmonic Analysis，104.05.19～104.05.23，清華大學丘成桐數學科學中心，China)

156.羅夢娜，Tensor-Structured Statistical Modelling and Inferences (2015 泛華統計會議暨 Graybill 聯合統計會議，104.06.14～104.06.17，美國科羅拉多州立大學，USA)

157.黃毅青，Preconditioning Radom Toeplitz Systems (International Workshop on Applied Analysis and Optimization 2015，104.06.26～104.06.28，中國醫藥大學)

158.張　中，Nonlinear Mixed-effect Models with Non-normal Random Effects and Errors (第 24 屆南區統計研討會暨 2015 中華機率統計學會年會及學術研討會，104.06.27～104.06.28，國立彰化師範大學)

159.陳美如，On the Maximum Order Staistics (第 24 屆南區統計研討會暨 2015 中華機率統計學會年會及學術研討會，104.06.27～104.06.28，國立彰化師範大學)

160.李宗鋐，Schur Complement Preconditioner for a Large Sparse Linear Solver (Workshop on Scientific Computation with Applications in Honor of Dr. Tien-Yien Li's 70th Birthday，104.07.04，Michigan State University，USA)

161.黃毅青，Preconditioning Radom Toeplitz Systems (2015 Workshop on Matrices and Operators，104.07.19～104.07.21，陝西師範大學，China)

162.黃毅青，Preconditioning Radom Toeplitz Systems (Inernational Workshop on Nonlinear and Variational Analysis, IWNVA2015，104.08.07～104.08.09，高雄醫學大學)

163.李宗鋐，Effective Path Tracking in Polyhedral Homolopy Continuation Method (The 8th International Congress on Industrial and Applied Mathematics，104.08.10～104.08.14，北京國家會議中心，China)

164.呂宗澤，A Double Exponentially Convergent Method for Solving ODEs (The 8th International Congress on Industrial and Applied Mathematics，104.08.10～104.08.14，北京國家會議中心，China)

165.黃杰森，An Eulerian-Lagrangian WENO Scheme for Nonlinear Conservation Laws (The 8th International Congress on Industrial and Applied Mathematics，104.08.10～104.08.14，北京國家會議中心，China)

166.黃毅青，Transition Probabilities Preserving Maps (The 4th International Congress on Natural Sciences，104.09.10～104.09.12，國立彰化師範大學)

167.呂宗澤、林冠宇，Transition of Convergent Orders of Trefftz Method (Joint International Conference on Trefftz Method Ⅶ and Method of Fundamental Solutions Ⅲ，104.10.11～104.10.13，杭州師範大學，China)

168.羅春光，A Trigonometric Identity and a Related Inverse Problem on Graphs (Workshop on Optimization Theory and Inverse Problems，104.10.27，Hangchou University on Electronics and Commerce，China)

169.羅春光，A Trigonometric Identity and a Related Inverse Problem on Graphs (Taiwan-Japan Joint Workshop on Inverse Problems，104.11.21～104.11.23，國立台灣大學)

170.張　中，Simultaneous Confidence Bands for Functional Regression Models (The 9th IASC-ARS Conference，104.12.17～104.12.20，國立新加坡大學，Singapore)

171. 呂宗澤，A Modified Adomian Decomposition Method with Integrating Factor (Workshop on Numerical Methods of Nonlinear Problems, TSIMF，105.01.11～105.01.15，北京清華大學，China)

172. 羅春光，An Algebraic Proof of the Umemura Polynomials for the Third Painleve Equation (International Conference on Applied Mathematics，105.05.30～105.06.02，City University of Hong Kong, Hong Kong)

173. 洪芷漪，The Ancestral Problems in Multitype Galton-Watson Branching Processes (2016 Spring Probability Workshop，105.03.07～105.03.09，中央研究院數學研究所)

174. 黃皓瑋，Analytic and Combinatorial Aspects of Bi-freely Infinitely Divisible Laws (2016 Spring Probability Workshop，105.03.07～105.03.09，中央研究院數學研究所)

175. 李宗錂，Rank Revealing, Updating, and Downdating Problems (Workshop on Recent Development of Matrix Computations，105.05.13，國家理論科學研究中心)

176. 董立大，Rearrangeable Nonblocking Optical Multicast Banyan-type Networks with Crosstalk Constraints (The 7th International Workshop on Optimal Network Topologies，105.07.11～105.07.15，北京清華大學，China)

177. 陳美如，Number of Walks for the one-shoes-N-doors Model (The World Congress in Probability and Statistics，105.07.11～105.07.15，Hosted by the Fields Institute, Toronto，Canada)

178. 黃杰森，Computing Eigenmodes of Elliptic Operators Using Increasingly Flat Radial Basis Functions (2016 第四屆海峽兩岸計算數學研討會，105.07.25～105.07.28，國立成功大學)

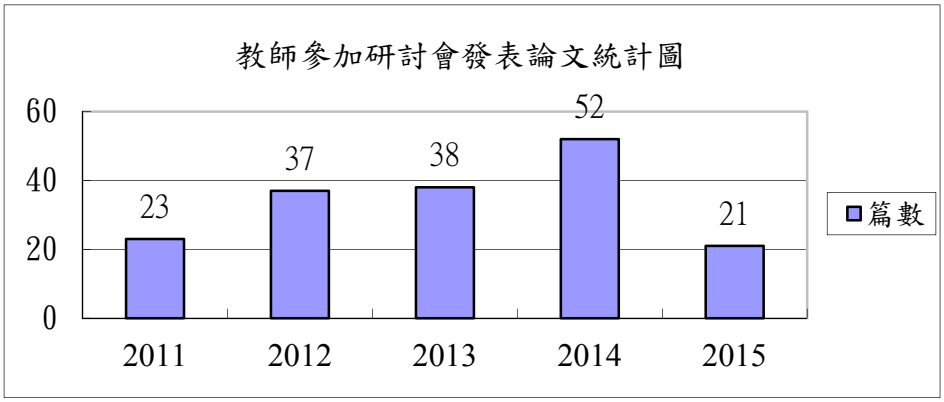
179. 呂宗澤，A Modified Adomian Decomposition Method with Integrating Factor (Asia-Pacific Conference on Engineering and Applied Science, APCEAS，105.08.25～105.08.27，高等教育論壇，Japan)

180. 羅夢娜，Optimal Designs for Multinomial Response Models with Multiple Nonnegative Explanatory Variables (日本聯合統計會議 2016，105.09.04～105.09.07，日本金澤大學)

181. 郭美惠，Assessing Influential Trade Effects via High Frequency Market Reactions (日本聯合統計會議 2016，105.09.04～105.09.07，日本金澤大學)

	2011	2012	2013	2014	2015	合計
羅夢娜	0	2	1	6	1	10
李子才	4	退休	退休	退休	退休	4
姚任之	0	0	0	0	0	0
黃毅青	2	7	5	9	6	29
羅春光	0	2	4	1	2	9
朱緒鼎	0	1	0	1	0	2
張福春	0	1	0	0	0	1
蔡志賢	0	0	0	0	0	0
郭美惠	2	2	2	6	1	13
呂宗澤	1	5	1	2	2	11
徐洪坤	1	5	7	3	0	16
黎景輝	0	0	×	×	×	0
何宗軒	0	0	0	0	0	0
黃杰森	1	1	2	3	1	8
王彩蓮	1	1	2	1	0	5
董立大	1	2	2	4	0	9
蔣永延	0	0	0	0	0	0
陳美如	1	2	2	3	1	9
李宗錂	8	2	1	5	4	20
張　中	1	2	2	3	2	10
黃信元	—	1	3	0	0	4
黃皓瑋	—	—	—	—	0	0
洪芷漪	—	—	—	—	0	0
張宏鏞	0	×	×	×	×	0
吳佼佼	0	1	×	×	×	1
莊智升	—	—	4	4	1	9
張定邦	—	—	0	1	0	1
合計	23	37	38	52	21	171
平均篇數	1.05	1.76	1.81	2.48	0.91	

註：—表尚未到校　　×表離職



五、研究生近五年發表論文

1. Ching-Jou Liao（廖靜柔） and Ngai-Ching Wong. Smoothly embedded subspaces of a banach space. *Taiwanese J. Math.*, 14(4):1629-1634, 2010.
2. Chung-Wen Tsai（蔡宗玟） and Ngai-Ching Wong. Linear orthogonality preservers of standard operator algebras. *Taiwanese J. Math.*, 14(3B):1047-1053, 2010.
3. Fu-Chuen Chang and 莊淨惠. 線性遞迴關係之求解(下). *數學傳播*, 34(1):35-57, 2010.
4. Y.H. Cheng, Tui-En Wang（王推恩） and Jun-Ren Wu. A note on eigenvalue asymptotics for Hill's equation. *Applied Mathematics Letters*, 23(9):1013-1015, 2010.
5. Jyy-I Hong（洪芷漪） and Jhishen Tsay. A strong law of large numbers for random elements in Banach spaces. *Southeast Asian Bulletin of Mathematics*, 34:257-264, 2010.
6. Mong-Na Lo Huang, Chuan-Pin Lee（李全濱）, Ray-Bing Chen, and Thomas Klein. Exact D-optimaldesigns for a second-order response surface model on a circle with qualitative factors. *ComputationalStatistics and Data Analysis,* 54:516-530, 2010.
7. Chuan-Pin Lee（李全濱） and Mong-Na Lo Huang. D-optimal designs for second-order response surfacemodels with qualitative factors. *Journal of Data Science*, 9, 155-170, 2010.
8. Mong-Na Lo Huang and Chuan-Pin Lee（李全濱）. Discussion: ”A generalapproach to D-optimal designs for weighted univariate polynomial regression models” by Holger Dette and Matthias Trampisch. *Journal of the Korean Statistical Society*, 39, 31-33, 2010.
9. Hui-Ming L. Lee, Mong-Na Lo Huang and Wan-Ping Hung（洪宛頻）. The development and validation of a listening practice strategy questionnaire. *English Teaching & Listening*, 34, 1-50, 2010.
10. A. Jiménez-Vargas and Y-S Wang（王雅書）. Linear biseparating maps between vector-valued little Lipschitz function spaces. *Acta Math. Sin. (Engl. Ser.)*, Vol. 26, No. 6, pp 1005-1018, 2010.
11. Chung-Wen Tsai（蔡宗玟） and Ngai-Ching Wong. Rank preserving in integral extensions of commutative C*-algebras. *Taiwanese J. Math.*, 14 (2010), no. 3B, 1047–1053.
12. Hsiang-Ling Hsu(許湘伶), Mong-Na Lo Huang, and Guo-Huai Chiou. Robust run order for uniform designsin simple linear regression with MA errors. Accepted by *Utilias Mathematica*, 2011.
13. Denny H. Leung and Y-S Wang（王雅書）. Local operator on. *J. Math. Anal. Appl.*, Vol.381, pp 308–314, 2011.
14. Chung-Wen Tsai（蔡宗玟）. The orthogonality structure determines a C∗-algebra with continuous trace. *Oper. Matrices 5* , no. 3, 529–540, 2011.
15. Ming-Hsiu Hsu(許銘修) and Ngai-Ching Wong. Isometries of Banach bundles. *Taiwanese J. Math.*, 15, No. 5, pp. 1969-1978, 2011.
16. Ming-Hsiu Hsu（許銘修） and Ngai-Ching Wong. Inner products and module maps of Hilbert C*-modules. *Matimyas Matematika*, vol. 34, Nos. 1-2 , 56-62, 2011.
17. Fu-Chuen Chang, 洪偉誠, 李俊賢, 蔡誠祐 and 何家興. 美國高中數學測驗 AMC12 之機率問題(上).*數學傳播*, 35(4):62-81, 2011.
18. Fu-Chuen Chang, 洪偉誠, 李俊賢, 蔡誠祐 and 何家興. 美國高中數學測驗 AMC12 之機率問題(下).*數學傳播*, 36(1):64-83, 2012.
19. Fu-Chuen Chang and 林宜嬪. 級數求和、對消和與對消乘積(上). *數學傳播*, 36(3):59-73, 2012.

20. Fu-Chuen Chang and 林宜嬪. 級數求和、對消和與對消乘積(下). *數學傳播*, 36(4):83-96, 2012.

21. Ming-Hsiu Hsu（許銘修）, Wataru Takahashi, Jen-Chih Yao. Generalized hybrid mappings in Hilbert spaces and Banach spaces. *Taiwanese J. Math.*, 16, no. 1, 129–149, 2012.

22. Chi-Wai Leung, Chung-Wen Tsai（蔡宗文） and Ngai-Ching Wong. Linear disjointness preservers of W*-algebras. *Math. Z.*, 270, no. 3-4, 699–708, 2012.

23. Liang-Ching Lin(林良靖), Meihui Guo and Kainam Thomas Wong. Two-Branch Selection in Wireless Space-Diversity Reception: An Upper Bound for Its Output Power. *IEEE Transactions on Communications*, Vol. 60, pp.537-546, 2012.

24. Cheng-Siang Wang(王澄祥), Meihui Guo, Kainam Thomas Wong and Vladimir I. Piterbarg. Fourth-Order Spatial Correlation-Coefficient Across the Uplink Receiver's Spatial Aperture – Analytically Derived in Closed Form. *IEEE Transactions on Communications*,Vol. 60, pp.724-734, 2012.

25. Meihui Guo, Ching-An Liu (劉慶安) and Shih-Feng Huang. Dynamic Co-movement Detection of High Frequency Financial Data. *Journal of Data Science*, Vol. 10, pp.345-362, 2012.

26. Meihui Guo and Gen-Liang Li(李根良). Estimation of MA(1) Model based on Rounded Data. *Tatra Mountains Mathematical Publication,* Vol.51, pp.45–53, 2012.

27. Liang-Ching Lin(林良靖), Sangyeol Lee and Meihui Guo. Goodness-of-fit Test for Stochastic Volatility Models. *Journal of Multivariate Analysis,* Vol.116, pp.473-498, 2013.

28. Li-Wei Kuo（郭立維） and D. R. Sahu. Bregman Distance and Strong Convergence of Proximal-Type Algorithms. *Abstract and Applied AnalysisI*, Volume 2013, Article ID 590519, 12 pages, http://dx.doi.org/10.1155/2013/590519, 2013.

29. Yu-Chang Liang(梁育菖), Xuding Zhu. Anti-magic labelling of Cartesian product of graphs. *Theoretical Computer Science*, Vol.477, Pages 1-5, March, 2013.

30. Fu-Chuen Chang and 陳柏宇. 簡介蓋、舒爾凸函數與 Karamata 不等式. *數學傳播*, Vol.37 (2), pp.56-72, 2013.

31. Fu-Chuen Chang and Chin-Han Li(李秦漢). D-optimal designs for combined polynomial and trigonometric regression on a partial circle. *J. Statist. Plann. Inference*, Vol.143 (7), pp.1186-1194. DOI 10.1016/j.jspi.2013.01.013, 2013.

32. u-Chuen Chang, Lorens Imhof and Yi-Ying Sun(孫亦瑩). Exact D-optimal designs for first-order trigonometric regression models on a partial circle. *Metrika*, Vol.76 (6), pp.857-872. DOI 10.1007/s00184-012-0420-x, 2013.

33. Y. W. Lin (林吟威), Tzon-Tzer Lu and C. K. Chen. Adomian decomposition method using integrating factor, Communications in Theoretical Physics, Vol.60, pp.159-164, 2013.

34. Fu-Chuen Chang and 陳柏宇. Muirhead 不等式. *數學傳播*, Vol.38 (2), pp.41-58, 2014.

35. Fu-Chuen Chang and Jhong-Shin Tsai (蔡仲信) . A limit theorem of D-optimal designs for weighted polynomial regression. *Journal of Statist. Planning and Inference*, Vol.154 (SI), pp.26-38, 2014.

36. Ming-Hsiu Hsu (許銘修), David Li-Wei Kuo (郭立維) and Ming-Cheng Tsai (蔡明誠). Completely positive interpolations of compact, trace-class andSchatten p-class operators. *Journal of Functional Analysis*, Vol.267, Issue 4, pp.1205–1240, 2014.

37. David Li-Wei Kuo (郭立維) , Ming-Cheng Tsai (蔡明誠), Ngai-Ching Wong and Jun Zhang. Maps Preserving Schatten p-Norms of Convex Combinations. *Abstract and Applied Analysis*, Article ID 520795, 5 pages, 2014.

38. Yan-Hsiou Cheng, Chun-Kong Law, Yu-Chen Luo (羅御宸), Distribution of the Prufer angle in p-Laplacian eigenvalue problems, *Electron. J. Diff. Equ.*, Vol.2014, No. 255, 1-8, 2014.

39. Shih-Hao Huang(黃世豪) and Mong-Na Lo Huang. Robust Designs for Probability Estimation in Binary Response Experiments. *Journal of Statistical Planning and Inference*, Vol.154, pp.116-132, 2014.

40. Y. W. Lin (林吟威), Tzon-Tzer Lu and C. K. Chen. Large interval solution of the Emden-Fowler equation using a modified Adomian decomposition method with an integrating factor, ANZIAM Journal, Vol.56, pp.192–208, 2014.

41. Yin-Wei Lin (林吟威) and Cha'o-Kuang Chen. Modified Adomian Decomposition Method for Double Singular Boundary Value Problems. *Romanian Journal of Physics*, Vol.59 (5-6), pp.443-453, 2014.

42. Yu-Chang Liang (梁育菖), Tsai-Lien Wong and Xuding Zhu. Anti-Magic Labeling of Trees. *Discrete Mathematics*, Vol.331, pp.9-14, 2014.

43. Huilan Chang, Sen-Peng Eu and Pei-Lan Yen (顏珮嵐). Variances and Determinantal Profiles of Orientations. Linear Algebra and Its Applications, Vol.457, pp.209-223, 2014.

44. Che-Yu Lin（林哲宇）, Tsai-Lien Wong and Xuding Zhu. Circular Chromatic Indices of Regular Graphs. *Journal of Graph Theory*, Vol.76 (3), pp.169–193, 2014.

45. An-Jen Chiang, Jiabin Chen, Yu-He Chung, Huan-Jung Huang (黃煥榮), Wen Shiung Liou and Chung Chang. A Longitudinal Analysis with CA-125 to Predict Overall Survival in Patients with Ovarian Cancer. Journal of Gynecologic Oncology, Vol.25 (1), pp.51-57, 2014.

46. D. W. Cranston, Yu-Chang Liang (梁育菖) and Xuding Zhu. Regular Graphs of Odd Degree are Antimagic. *Journal of Graph Theory*, Vol.80 (1), pp.28-33, 2015.

47. David Li-Wei Kuo (郭立維) and Wataru Takahashi. A Note on Lattices of Idempotents in Algebras. *Publications Mathematicae-Debrecen*, Vol.86 (1-2), pp.183-186, 2015.

48. David Li-Wei Kuo (郭立維) and Wataru Takahashi. Strong Convergence Theorems by Hybrid Methods for Maximal Monotone Operators and Generalized Hybrid Mappings. *Fixed Point Theory*, Vol.16 (1), pp.107-126, 2015.

49. Shih-Hao Huang, Mong-No Lo Huang, Kainam-Thomas Wong and Tzu-Chiang Tseng (曾子將). Copula-to Model Multi-Channel Fading by Correlated but Arbitrary Weibull Marginals, giving a Closed-form Outage Probability of Selection-Combining Reception. *IET Microwaves Antennas & Propagation*, Vol.9 (15), pp.1698-1705, 2015.

50. Chung Chang, An-Jen Chiang, Hui-Ching Wang (王繪情), Wei-An Chen (陳威安) and Jiabin Chen. Evaluation of the Time-Varying Effect of Prognostic Factors on Survival in Ovarian Cancer. *Annals of Surgical Oncology*, Vol.22 (12), pp.3976-3980, 2015.

51. Jiabin Chen, Chung Chang, Hung-Chi Huang, Yu-Che Chung (鍾毓哲), Huang-Jung Huang (黃煥榮), Wen-Shiung Liou, An-Jen Chiang and Nelson N. H. Teng. Differentiating Between Borderline and Invasive Malignancies in Ovarian Tumors Using a Multivariate Logistic Regression Model. *Taiwanese Journal of Obstetrics & Gynecology*, Vol 54 (4), pp.398-402, 2015.

52. Che-Yu Lin（林哲宇）, Tsai-Lien Wong and Xuding Zhu. Circular Chromatic Indices of Even Degree Regular Graphs. *Discrete Mathematics*, Vol.338 (7), pp.1154–1162, 2015.

53. Meihui Guo, Yi-Ting Guo (郭怡婷), Chi-Jeng Wang and Liang-Ching Lin (林良靖). Assessing Influential Trade Effects Via High-Frequency Market Reactions. *Journal of Applied Statistics*, Vol.42 (7), pp.1458-1471, 2015.

54. Chin-Chun Lai (賴金君) and Hong-Hun Xu. Pricing Asian Options Via Taylor Approximations. *Journal of Nonlinear and convex Analysis*, Vol.16 (10), pp.2067-2086, 2015

55. Dijana Ilisevic, Chih-Neng Liu (劉治能) and Ngai-Ching Wong. When the average of composition operators being a projection. *J. Nonlinear and Convex Analysis*, Vol.16 (7), pp.1353-1362, 2015.

56. Huajun Huang, Chih-Neng Liu (劉治能), Ming-Cheng Tsai, Patricia Szokol and Jun Zhang. Trace and Determinant Preserving Maps of Matrices. *Linear Algebra and Its Applications*, Vol.507, pp.373-388, 2016.

57. Ching-Kang Ing, Hai-Tang Chiou (邱海唐) and Mei-Hui Guo. Estimation of Inverse Autocovariance Matrices for Long Memory Processes. *Bernoulli*, Vol.22 (3), pp.1301-1330, 2016.

58. Liang-Ching Lin(林良靖), Sangyeol Lee and Meihui Guo. Goodness-of-fit Test for the Svm Based on Noisy Observations. *Statistica Sinica,* Vol.26 (3), pp.1305-1329, 2016.

59. Liang-Ching Lin(林良靖), and Meihui Guo. Optimal Restricted Quadratic Estimator of Integrated Volatility. *Annals of the Institute of Statistical Mathematics,* Vol.68 (3), pp.673-703, 2016.

60. Ming-Hsiu Hsu (許銘修), and Ngai-Ching Wong. Isometries of real Hilbert C*-modules. *Journal of Mathematical Analysis and Applications*, Vol.438 (2), pp.807–827, 2016.

61. Che-Yu Lin（林哲宇） and Xuding Zhu. Circular Total Chromatic Numbers of Graphs. *Discrete Mathematics*, Vol.339 (2), pp.857–865, 2016.

62. Chung Chang, An-Jen Chiang Wei-An Chen（陳威安）, Hsueh-Wen Chang and Jiabin Chen. A Joint Model Based on Longitudinal CA125 in Ovarian Cancer to Predict Recurrence. *Biomarkers in Medicine*, Vol.10 (1), pp.53–61, 2016.

六、教師近五年執行研究計畫

排序：依中文姓名筆劃　　單位：元

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
王彩蓮 Tsai-Lien Wong	100	點邊賦權問題的研究(2/3) Total weight problems of graphs (2/3)	NSC 99-2115-M-110-001-MY3	100/08/01~101/07/31	466,000
王彩蓮 Tsai-Lien Wong	101	點邊賦權問題的研究(3/3) Total weight problems of graphs (3/3)	NSC 99-2115-M-110-001-MY3	101/08/01~102/07/31	466,000
王彩蓮 Tsai-Lien Wong	102	圖的點邊賦權可選性 (1/2) Total weight choosability of graphs (1/2)	NSC 102-2115-M-110-006-MY2	102/08/01~103/07/31	523,000
王彩蓮 Tsai-Lien Wong	103	圖的點邊賦權可選性 (2/2) Total weight choosability of graphs (2/2)	NSC 102-2115-M-110-006-MY2	103/08/01~104/07/31	512,000
王彩蓮 Tsai-Lien Wong	104	點邊賦權可選問題的研究（1/2） The study of total weight choosable problems	MOST104-2115-M-110-001-MY2	104/08/01~105/07/31	546,000
吳佼佼 Jiaojiao Wu	100	笛卡爾乘積圖之著色對局 (1/2) Game colouring the Cartesian product of graphs (1/2)	NSC 100-2115-M-110-006-MY2	100/08/01~101/07/31	293,000
吳佼佼 Jiaojiao Wu	101	笛卡爾乘積圖之著色對局 (2/2) Game colouring the Cartesian product of graphs (2/2)	NSC 100-2115-M-110-006-MY2	101/08/01~102/07/31	293,000
呂宗澤 Tzon-Tzer Lu	100	真實條件數之研究 Study of true condition number	NSC 100-2115-M-110-002	100/08/01~101/07/31	375,000
呂宗澤 Tzon-Tzer Lu	103	求解常微分方程之雙指數收斂算法 Methods of double exponential convergence solving ODEs	MOST 103-2115-M-110-001	103/08/01~104/07/31	298,000
呂宗澤 Tzon-Tzer Lu	104	Adomian 分解法之收斂速度 Convergence Speed of Adomian Decomposition Method	MOST 104-2115-M-110-002	104/08/01~105/07/31	320,000
李宗錂 Tsung-Lin Lee	100	混合體積在叢集與多核心架構之計算(2/2) Computing mixed volume on cluster and multi-core architecture (2/2)	NSC 100-2115-M-110-001-MY2	100/08/01~101/07/31	418,000
李宗錂 Tsung-Lin Lee	100	高雄地區數學期刊圖書服務計畫 (1/3) Mathematical library service in Kaohsiung area (1/3)	NSC 100-2735-M-110-004-MY3	100/01/01~100/12/31	1,973,000
李宗錂 Tsung-Lin Lee	101	以多面體同倫法解多項式方程組 Solving polynomial systems by polyhedral homotopy method	NSC 101-2115-M-110-001	101/08/01~102/07/31	433,000
李宗錂 Tsung-Lin Lee	101	高雄地區數學期刊圖書服務計畫 (2/3) Mathematical library service in Kaohsiung area (2/3)	NSC 100-2735-M-110-004-MY3	101/01/01~101/12/31	1,973,000
李宗錂 Tsung-Lin Lee	102	多項式特徵值問題之同倫連續法 Homotopy continuation method for polynomial eigenvalue problems	NSC 102-2115-M-110-009	102/08/01~103/07/31	321,000
李宗錂 Tsung-Lin Lee	102	高雄地區數學期刊圖書服務計畫 (3/3) Mathematical library service in Kaohsiung area (3/3)	NSC 100-2735-M-110-004-MY3	102/01/01~102/12/31	1,973,000
李宗錂 Tsung-Lin Lee	103	以正交投影計算數值秩與數值子空間 Computing numerical rank and numerical subspaces by orthogonal projections	MOST 103-2115-M-110-002	103/08/01~104/07/31	447,000

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
李宗鍊 Tsung-Lin Lee	104	計算數值最大公因式 Computing numerical greatest common divisor	MOST 104-2115-M-110-003	104/08/01~105/07/31	480,000
洪芷漪	104	回溯 critical Bellman-Harris 分支過程所衍生的問題研究 (1/2) The coalescence problem in the critical Bellman-Harris branching processes (1/2)	MOST104-2115-M-110-010-MY2	104/10/01~105/09/30	486,000
徐洪坤 Hong-Kun Xu	100	非線性迭代方法及其應用 (1/2) Nonlinear iterative methods and applications (1/2)	NSC 100-2115-M-110-003-MY2	100/08/01~101/07/31	1,064,000
徐洪坤 Hong-Kun Xu	101	非線性迭代方法及其應用 (2/2) Nonlinear iterative methods and applications (2/2)	NSC 100-2115-M-110-003-MY2	101/08/01~102/07/31	1,064,000
徐洪坤 Hong-Kun Xu	102	優化問題之稀疏性提昇迭代方法 (1/3) Sparsity-promoting iterative methods for optimization problems (1/3)	NSC 102-2115-M-110-001-MY3	102/08/01~103/07/31	2,037,000
徐洪坤 Hong-Kun Xu	103	優化問題之稀疏性提昇迭代方法 (2/3) Sparsity-promoting iterative methods for optimization problems (2/3)	NSC 102-2115-M-110-001-MY3	103/08/01~104/07/31	1,853,000
張中 Chung Chang	100	在 Censoring times 不完整情況下估計存活函數 Estimation of survival functions when Censoring times are incomplete	NSC 100-2118-M-110-004	100/06/01~101/07/31	660,000
張中 Chung Chang	101	以小波核方法研究函數型資料分類 Functional data classification using wavelet-thresholding kernel method	NSC 101-2118-M-110-004	101/08/01~102/07/31	580,000
張中 Chung Chang	102	估計函數型資料中的平均函數的聯合信賴區域 Estimating simultaneous confidence band for the mean function based on functional data	NSC 102-2118-M-110-003	102/08/01~103/07/31	360,000
張中 Chung Chang	103	函數型回歸模型的聯合信賴域的估計 Estimating simultaneous confidence bands in functional linear regression model	MOST 103-2118-M-110-001	103/08/01~104/07/31	564,000
張中 Chung Chang	103	高雄地區數學期刊圖書服務計畫 (1/3) Mathematical Library Service in the Kaohsiung Area(1/3)	NSC 103-2735-M-110-002-MY3	103/01/01~103/12/31	1,973,000
張中 Chung Chang	104	長期追蹤資料分析與存活分析之聯合模型 Joint models for survival and longitudinal data analysis	MOST 104-2118-M-110-001	104/08/01~105/07/31	574,000
張中 Chung Chang	104	高雄地區數學期刊圖書服務計畫 (2/3) Mathematical Library Service in the Kaohsiung Area(2/3)	NSC 103-2735-M-110-002-MY3	104/01/01~104/12/31	1,973,000
張宏鏞 Hungyung Chang	100	置換的值下降 Value-descents of permutations	NSC 100-2115-M-110-004	100/08/01~101/07/31	257,000
張定邦 Ting-Pang Chang	102	局部支配集合, 辨識碼及相關問題之研究 The study of locating dominating set, identifying code and related problems	NSC 102-2115-M-110-012	102/11/01~103/10/31	397,000

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
張定邦 Ting-Pang Chang	103	辨識挑選，監測系統及相關問題之研究 The study of choice identification, watching system and related problems	MOST 103-2115-M-110-003	103/11/01~104/07/31	290,000
張福春 Fu-Chuen Chang	100	三角迴歸模型的 D 最適設計 D-optimal designs for trigonometric regression models	NSC 100-2118-M-110-001	100/08/01~101/07/31	564,000
莊智升 Chih-Sheng Chuang	102	分離平衡點問題的算法及相關問題 Algorithms of Split Equilibrium Problems and Related Problems	NSC 102-2115-M-110-011	102/09/01~103/08/31	331,000
莊智升 Chih-Sheng Chuang	103	分布式的最佳化算法和具有限制條件的數學規劃的研究 The study of distributed optimization algorithm and mathematical programming with constraint	MOST 103-2115-M-110-004	103/09/01~104/07/31	333,000
郭美惠 Mei-Hui Guo	100	高頻財務交易資料的模型估計與適合度檢定 Model estimation and goodness of fit tests of high frequency transaction data	NSC 100-2118-M-110-003	100/08/01~101/07/31	927,000
郭美惠 Mei-Hui Guo	101	高頻財務資料分析-建模與應用 Analysis of high frequency financial data-modelling and applications	NSC 101-2118-M-110-003	101/08/01~102/07/31	1,153,000
郭美惠 Mei-Hui Guo	102	長記憶過程逆自我共變異數矩陣的估計與應用 (1/2) Estimation of inverse autocovariance matrix for long memory processes and its applications (1/2)	NSC 102-2118-M-110-002-MY2	102/08/01~103/07/31	1,081,000
郭美惠 Mei-Hui Guo	103	長記憶過程逆自我共變異數矩陣的估計與應用 (2/2) Estimation of inverse autocovariance matrix for long memory processes and its applications (2/2)	NSC 102-2118-M-110-002-MY2	103/08/01~104/07/31	1,081,000
郭美惠 Mei-Hui Guo	104	微結構噪音汙染的高頻交易資料的模型檢定與波動估計 (1/2) Goodness of fit test and volatility estimation for microstructure noise-contaminated high-frequency data(1/2)	MOST104-2118-M-110-003-MY2	104/08/01~105/07/31	1,094,000
陳美如 May-Ru Chen	100	探討贏的機率為隨機的聖彼得堡賽局 On the St. Petersburg game with a random win probability	NSC 100-2118-M-110-002	100/08/01~101/07/31	478,000
陳美如 May-Ru Chen	101	關於 Polya-type 之雙甕模型 On two-um models of Polya-type	NSC 101-2118-M-110-001	101/08/01~102/07/31	589,000
陳美如 May-Ru Chen	102	探討具有隨機視窗之掃描統計量的機率分佈 (1/2) On the distribution of scan statistics with random windows (1/2)	NSC 102-2118-M-110-001-MY2	102/08/01~103/07/31	607,000
陳美如 May-Ru Chen	103	探討具有隨機視窗之掃描統計量的機率分佈 (2/2) On the distribution of scan statistics with random windows (2/2)	NSC 102-2118-M-110-001-MY2	103/08/01~104/07/31	590,000
陳美如 May-Ru Chen	104	探討公共自行車租賃系統 (1/2) On the public bike rental system (1/2)	NSC 104-2118-M-110-002-MY2	104/08/01~105/07/31	472,000

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
黃杰森 Chieh-Sen Huang	100	二相流問題的局部守恆流線管法 (2/3) A locally conservative streamtube method for a two-phase flow problem (2/3)	NSC 99-2115-M-110-006-MY3	100/08/01~101/07/31	1,135,000
黃杰森 Chieh-Sen Huang	101	二相流問題的局部守恆流線管法 (3/3) A locally conservative streamtube method for a two-phase flow problem (3/3)	NSC 99-2115-M-110-006-MY3	101/08/01~102/07/31	1,135,000
黃杰森 Chieh-Sen Huang	102	雙曲型守恆律方程組之局部守恆歐拉-拉格朗日帶權全然不振盪有限體積法 (1/3) A locally conservative Eulerian-Lagrangian finite volume WENO scheme for hyperbolic conservation law (1/3)	NSC 102-2115-M-110-010-MY3	102/08/01~103/07/31	638,000
黃杰森 Chieh-Sen Huang	103	雙曲型守恆律方程組之局部守恆歐拉-拉格朗日帶權全然不振盪有限體積法 (2/3) A locally conservative Eulerian-Lagrangian finite volume WENO scheme for hyperbolic conservation law (2/3)	NSC 102-2115-M-110-010-MY3	103/08/01~104/07/31	523,000
黃杰森 Chieh-Sen Huang	104	雙曲型守恆律方程組之局部守恆歐拉-拉格朗日帶權全然不振盪有限體積法 (3/3) A locally conservative Eulerian-Lagrangian finite volume WENO scheme for hyperbolic conservation law (3/3)	NSC 102-2115-M-110-010-MY3	104/08/01~105/07/31	512,000
黃信元 Hsin-Yuan Huang	101	變分法在 n 體問題中的全碰撞軌道的應用 (2/2) Variational methods and the total collision orbits in the n-body problem (2/2)	NSC 100-2115-M-110-007-MY2	101/08/01~102/07/31	299,000
黃信元 Hsin-Yuan Huang	102	非阿貝爾規範場的陳-賽門-希格斯非線性方程組的相關研究 On the non-Abelian Chern-Simons-Higgs system and related topics	NSC 102-2115-M-110-004	102/08/01~103/07/31	469,000
黃信元 Hsin-Yuan Huang	103	雙 Higgs 粒子 Abelian Chern-Simons 系統之研究 (1/3) On the Abelian Chern-Simons System with two Higgs particles (1/3)	MOST103-2628-M-110-001-MY3	103/08/01~104/07/31	494,000
黃信元 Hsin-Yuan Huang	104	雙 Higgs 粒子 Abelian Chern-Simons 系統之研究 (2/3) On the Abelian Chern-Simons System with two Higgs particles (2/3)	MOST103-2628-M-110-001-MY3	104/08/01~105/07/31	494,000
黃皓瑋	104	雙自由機率與古典機率中極限定理之關聯與探討 (1/2) Discussions on the connection of limit theorems in bi-free and classical probability (1/2)	MOST104-2115-M-110-011-MY2	104/10/01~105/09/30	546,000
黃毅青 Ngai-Ching Wong	100	Hilbert C*-模的研究 (2/3) Study in Hilbert C*-modules (2/3)	NSC 99-2115-M-110-007-MY3	100/08/01~101/07/31	1,111,000

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
黃毅青 Ngai-Ching Wong	101	Hilbert C*-模的研究 (3/3) Study in Hilbert C*-modules (3/3)	NSC 99-2115-M-110-007-MY3	101/08/01~102/07/31	1,111,000
黃毅青 Ngai-Ching Wong	102	C*-代數的墨瑞-馮諾伊曼分類 (1/2) A Murray-von Neumann classification of C*-algebras (1/2)	NSC 102-2115-M-110-002-MY2	102/08/01~103/07/31	1,036,000
黃毅青 Ngai-Ching Wong	103	C*-代數的墨瑞-馮諾伊曼分類 (2/2) A Murray-von Neumann classification of C*-algebras (2/2)	NSC 102-2115-M-110-002-MY2	103/08/01~104/07/31	1,036,000
黃毅青 Ngai-Ching Wong	104	算子代數的解析函數結構 (1/2) The structure of analytic functions between operator algebras	NSC 104-2115-M-110-009-MY2	104/08/01~105/07/31	1,770,000
董立大 Li-Da Tong	100	圖的定向,著色及其應用 (2/3) Orientation, colorings, and their applications (2/3)	NSC 99-2115-M-110-008-MY3	100/08/01~101/07/31	1,017,000
董立大 Li-Da Tong	101	圖的定向,著色及其應用 (3/3) Orientation, colorings, and their applications (3/3)	NSC 99-2115-M-110-008-MY3	101/08/01~102/07/31	1,017,000
董立大 Li-Da Tong	102	辨識碼,著色,及相關問題 (1/2) Identifying code, coloring and related problems (1/2)	NSC 102-2115-M-110-008-MY2	102/08/01~103/07/31	714,000
董立大 Li-Da Tong	103	辨識碼,著色,及相關問題 (2/2) Identifying code, coloring and related problems (2/2)	NSC 102-2115-M-110-008-MY2	103/08/01~104/07/31	760,000
董立大 Li-Da Tong	104	圖的辨識, 鄰域列, 及圖的自同構 Identification of graphs, neighborhood sequences, and automorphisms of graphs	MOST 104-2115-M-110-007	104/08/01~105/07/31	584,000
蔣永延 Yungyen Chiang	100	線性互補問題之整域可解性 Global solvability for linear complementarity problems	NSC 100-2115-M-110-005	100/08/01~101/07/31	315,000
蔣永延 Yungyen Chiang	101	JH 代數上之線性互補問題 Linear complementarity problem on JH algebras	NSC 101-2115-M-110-003	101/08/01~102/07/31	312,000
蔣永延 Yungyen Chiang	102	弱緊緻集上之向量變分不等式 Vector variational inequalities on weakly compact sets	NSC 102-2115-M-110-003	102/08/01~103/07/31	260,000
羅春光 Chun-Kong Law	100	圖上的 Ambarzumyan 問題 (2/2) Ambarzumyan problems on graphs (2/2)	NSC 99-2115-M-110-010-MY2	100/08/01~101/07/31	1,737,000
羅春光 Chun-Kong Law	101	p-拉普拉斯算子和量子圖的直接和反演問題 Direct and inverse problems for p-Laplacian operators and quantum graphs	NSC 101-2115-M-110-004	101/08/01~102/07/31	1,375,000
羅春光 Chun-Kong Law	102	量子圖與 p-拉普拉斯特徵值問題的譜問題的研究 Spectral problems for quantum graphs and p-Laplacian eigenvalue problems	NSC 102-2115-M-110-005	102/08/01~103/07/31	446,000
羅春光 Chun-Kong Law	103	特徵值問題中 Prufer 相位的研究 A study on Prufer angles in eigenvalue problems	MOST 103-2115-M-110-005	103/08/01~104/07/31	639,000

主持人	學年	計畫名稱	計畫編號	執行期限	核定金額
羅春光 Chun-Kong Law	104	雙匯流 Heun 方程的解及相關課題的研究 Solutions of biconfluent Heun equations and related topics	MOST 104-2115-M-110-008	104/08/01~105/07/31	446,000
羅夢娜 Mong-Na Lo Huang	100	單體離勢模型下之最適設計研究-比例數據上之應用 (2/2) Optimal designs for simplex dispersion models-with application to proportional data (2/2)	NSC 99-2118-M-110-001-MY2	100/08/01~101/07/31	1,142,000
羅夢娜 Mong-Na Lo Huang	101	具有相依實驗誤差之反應曲面模型下之最適設計 (1/2) Optimal designs for response surface models with correleted errors (1/2)	NSC 101-2118-M-110-002-MY2	101/08/01~102/07/31	1,115,000
羅夢娜 Mong-Na Lo Huang	102	具有相依實驗誤差之反應曲面模型下之最適設計 (2/2) Optimal designs for response surface models with correleted errors (2/2)	NSC 101-2118-M-110-002-MY2	102/08/01~103/07/31	1,087,000
羅夢娜 Mong-Na Lo Huang	103	混合實驗下多項反應模型 D 型與 C 型最適設計 (1/2) *D*- and *C*- optimal designs for multinomial responses models in mixture experiments	MOST103-2118-M-110-002-MY2	103/08/01~104/07/31	1,054,000
羅夢娜 Mong-Na Lo Huang	104	混合實驗下多項反應模型 D 型與 C 型最適設計 (2/2) *D*- and *C*- optimal designs for multinomial responses models in mixture experiments	MOST103-2118-M-110-002-MY2	104/08/01~105/07/31	1,054,000

(一)、科技部研究計畫

單位：元

	100學年		101學年		102學年		103學年		104學年	
主持人	件數	經費數	件數	經費數	件數	經費數	件數	經費數	件數	經費數
羅夢娜	1	1,142,000	1	1,115,000	1	1,087,000	1	1,054,000	1	1,054,000
李子才		×		退休		退休		退休		退休
姚任之		退休		退休		退休		退休		退休
黃毅青	1	1,111,000	1	1,111,000	1	1,036,000	1	1,036,000	1	1,770,000
羅春光	1	1,737,000	1	1,375,000	1	446,000	1	639,000	1	446,000
朱緒鼎		留職停薪		留職停薪		留職停薪		留職停薪		離職
張福春	1	564,000		×		×		×		×
蔡志賢		×		×		×		×		×
郭美惠	1	927,000	1	1,153,000	1	1,081,000	1	1,081,000	1	1,094,000
呂宗澤	1	375,000		×		×	1	298,000	1	320,000
徐洪坤	1	1,064,000	1	1,064,000	1	2,037,000	1	1,853,000		×
黎景輝		留職停薪		離職		離職		離職		離職
黃杰森	1	1,135,000	1	1,135,000	1	638,000	1	523,000	1	512,000
王彩蓮	1	466,000	1	466,000	1	523,000	1	512,000	1	546,000
何宗軒		×		×		×		×		×
董立大	1	1,017,000	1	1,017,000	1	714,000	1	760,000	1	584,000
蔣永延	1	315,000	1	312,000	1	260,000		×		×
陳美如	1	478,000	1	589,000	1	607,000	1	590,000	1	472,000
李宗錂	2	2,391,000	2	2,406,000	2	2,294,000	1	447,000	1	480,000
張　中	1	660,000	1	580,000	1	360,000	2	2,537,000	2	2,547,000
黃信元		未到任	1	299,000	1	469,000	1	494,000	1	494,000
黃皓瑋		未到任		未到任		未到任		未到任	1	546,000
吳佼佼	1	293,000	1	293,000		離職		離職		離職
張宏鏞	1	257,000		離職		離職		離職		離職
莊智升		未到任		未到任	1	331,000	1	333,000		離職
張定邦		未到任		未到任	1	397,000	1	290,000		離職
洪芷漪		未到任		未到任		未到任		未到任	1	486,000
合　計	17	13,932,000	15	12,915,000	16	12,280,000	16	12,447,000	15	11,351,000

註：× 表無計畫

(二)、科技部推教計畫

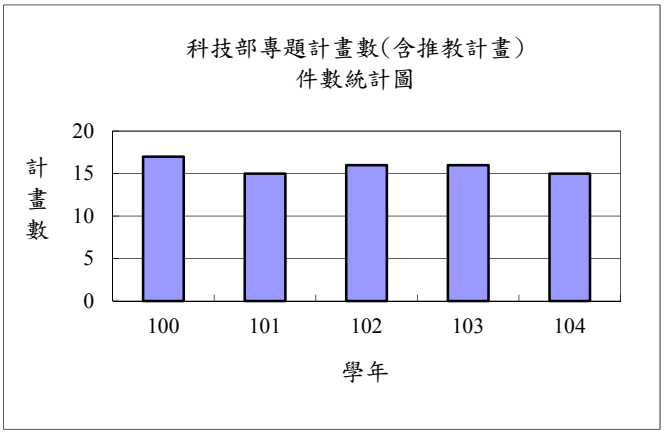
單位：元

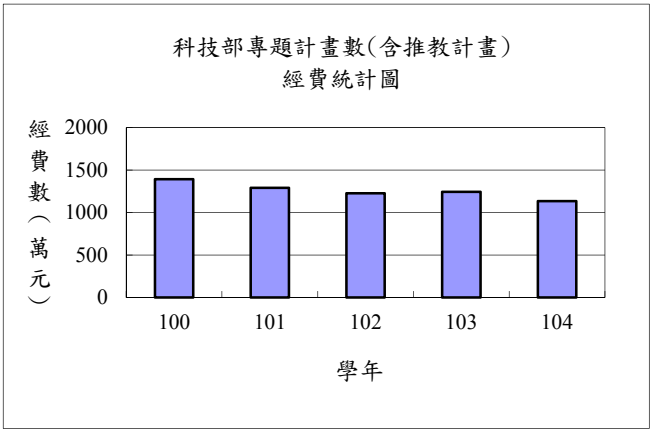
	100 年度		101 年度		102 年度		103 年度		104 年度	
計畫名稱	主持人	經費數	主持人	經費數	主持人	經費數	主持人	經費數	主持人	經費數
數學研究推動中心高雄地區數學期刊圖書服務計畫	李宗錂	1,973,000	李宗錂	1,973,000	李宗錂	1,973,000	張　中	1,973,000	張　中	1,973,000
合　　計		1,973,000		1,973,000		1,973,000		1,973,000		1,973,000

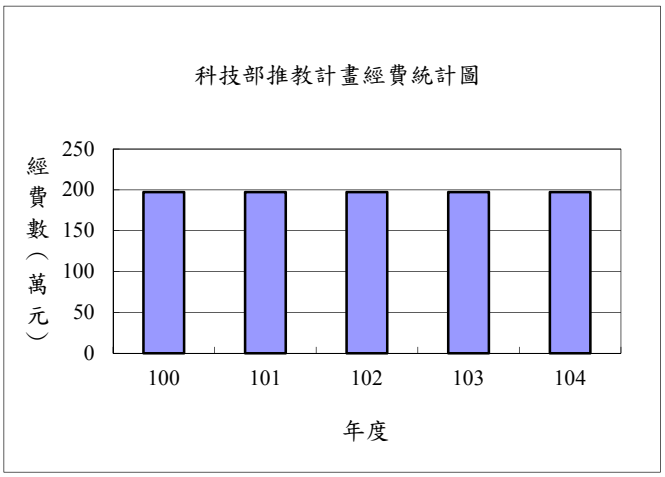
(三)、非科技部計畫

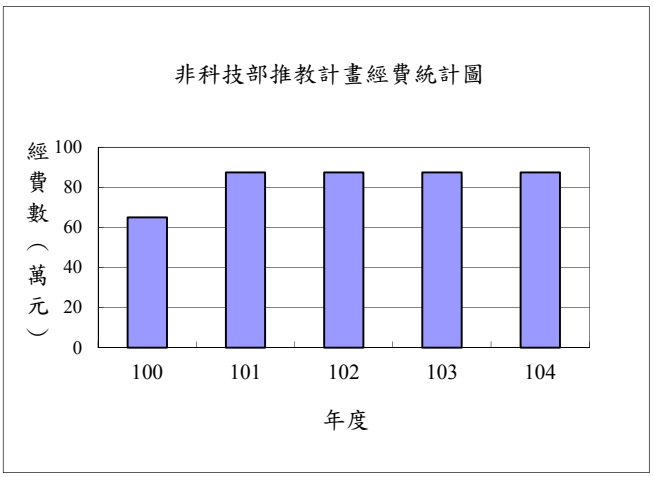
單位：元

	100 年度		101 年度		102 年度		103 年度		104 年度	
計 畫 名 稱	主持人	經費數	主持人	經費數	主持人	經費數	主持人	經費數	主持人	經費數
教育部高屏區高中學生數學科學研究人才培育計畫	呂宗澤	650,000	呂宗澤	875,000	呂宗澤	875,000	呂宗澤	875,000	呂宗澤	875,000
合　　計		650,000		875,000		875,000		875,000		875,000









七、教師擔任學術刊物編輯工作

姓名	職務	年　度	刊物名稱
羅夢娜教授	執行編輯	1993-1995	中國統計學報
	編輯委員	2000-2002	Statistica Sinica
	編輯委員	2004-	中國統計學報
	編輯委員	2007-2008	Metrika
徐洪坤教授	編輯委員	1994-	Communications on Applied Nonlinear Analysis
	編輯委員	1996-	Far East Journal of Mathematical Sciences
	編輯委員	2002-	Nonlinear Functional Analysis and Applications
	編輯委員	2004-	International Journal of Stochastic Analysis
	編輯委員	2004-	Journal of Applied Analysis
	編輯委員	2004-	Fixed Point Theory
	編輯委員	2005-	Global Journal of Pure and Applied Mathematics
	編輯委員	2005-	International Journal of Mathematics and Analysis
	編輯委員	2005-	Advances in Nonlinear Analysis and Applications
	編輯委員	2009-	Journal of Applied Mathematics and Computing
	編輯委員	2009-	JP Journal of Fixed Point Theory and Applications
	編輯委員	2009-2012	Annals of Functional Analysis
	編輯委員	2010-	Journal of Nonlinear Analysis and Optimization
	編輯委員	2010-	Afrika Matematika
	編輯委員	2008-2011	Nonlinear Analysis, Theory, Methods, and Applications
	編輯委員	2011	Optimization
	編輯委員	2012-	Fixed Point Theory and Applications
	編輯委員	2012-	Journal of Nonlinear and Convex Analysis
	編輯委員	2012-	Pure Mathematics
	編輯委員	2012-	International Journal of Optimization and Control: Theories & Applications
	編輯委員	2013	Journal of Advanced Mathematical Studies
姚任之教授	編輯委員	1994-2000	模糊系統學刊
	編輯委員	1999-	Advances in Nonlinear Variational Inequalities
	編輯委員	2000-2003	International Journal of Fuzzy Systems
	編輯委員	2006-	The Aligarh Bulletin of Mathematics
	編輯委員	2006-	Applied Mathematics E-Notes
	主編	2007-2010	Taiwanese Journal of Mathematics (SCI)
	編輯委員	2011-2013	Taiwanese Journal of Mathematics (SCI)
	編輯委員	2007-	Fixed Point Theory
	編輯委員	2007-2010	Journal of the Chinese Institute of Industrial Engineering
	編輯委員	2007-	Journal of Sciences, Hanoi National University of Education Press
	編輯委員	2008-	International Journal of Differential Equations
	編輯委員	2010-	Journal of Nonlinear and Convex Analysis
	編輯委員	2010-	Applicable Analysis
	編輯委員	2010-	Journal of Optimization Theory and Applications
李子才教授	編輯委員	1998-2003	Information, An Inter. J.

郭美惠教授	編輯委員	2000-2002	中國統計學報
黃毅青教授	編輯委員	2007-	Operators and Matrices (SCI)
	編輯委員	2008-	Asian-European J. Math.
	編輯委員	2010-2014	Taiwanese Journal of Mathematics (SCI)
	編輯委員	2011-	Abstract and Applied Analysis
	編輯委員	2011-	Scientific Journal of Mathematics Research
	編輯委員	2012	Global Journal of Mathematical Sciences
	編輯委員	2012-	Linear and Multilinear Algebra (SCI)
	編輯委員	2015-	Pure and Applied Functional Analysis
	編輯委員	2015-	Banach Journal of Mathematical Analysis (SCI)
朱緒鼎教授	編輯委員	2004-2013	SIAM Journal on Discrete Mathematics
	編輯委員	2014	Taiwanese Journal of Mathematics
	編輯委員	2006-	Bulletin of the Institute of Mathematics Academia Sinica New Series
	編輯委員	2010-	Contributions to Discrete Mathematics
	編輯委員	2010-	Discussiones Mathematicae Graph Theory
	編輯委員	2011-	Journal of Graph Theory
	編輯委員	2011-	European Journal of Combinatorics
	編輯委員	2012-	Discrete Mathematics
	編輯委員	2014-	Electronic Journal of Combinatorics
蔣永延教授	編輯委員	2005-	Australian Journal of Mathematical Analysis and Applications (AJMAA)
羅春光教授	編輯委員	2013-	Abstract and Applied Analysis

八、教師出版專書

作者	書　名	ISBN	發表年份	出版社
姚任之教授	微積分	9571423416	84	三民書局
方源、黃文璋、李育嘉、黃毅青等教授合編	Proceedings of the International Mathematics Conference '94	9789810224080	85	World Scientific Publishing Co.
李子才教授	Combined Methods for Elliptic Equations with Singularities , Interfaces and Infinities	0792350847	87	Kluwer Academic Publishers
李子才、呂宗澤、胡馨云、程宏達等教授合著	Trefftz and Collocation Methods	9781845641535	97	WIT press
姚任之教授	微積分	9789866507229	98	滄海書局
姚任之教授	Variational Analysis and Generalized Differentiation in Optimization and Control: In Honor of Boris S. Mordukhovich	9781441904362	99	Springer
賴明治、呂宗澤、沈　捷、許傳炬等教授合編	Special Issue for the First Cross-Straits Workshop on Computational mathematics	2079-7362	100	East Asian Journal on Applied Mathematics
姚任之教授	商用微積分	9789866184451	100	滄海書局
程宏達、李子才、呂宗澤等教授合編	Special Issue on Trefftz Method	0955-7997	101	Engineering Analysis with Boundary Elements
李子才教授	Global Superconvergence of Finite Elements for Elliptic Equations and Its Applications	9787030334794	101	Science Press, Beijing
姚任之教授	微積分	9789866507229	102	滄海書局
黃毅青教授	微積分	9789865647216	104	滄海書局
羅春光教授	Encycleopedia of Applied and Computational Mathematics	9783540705307	104	Berlin, Germany: Springe-Verlag

九、教師榮譽榜

姓名	學年度	頒發單位	獎項名稱
姚任之教授	81	中山大學	理學院新人獎
	82	中山大學	傑出研究獎
	92	中山大學	研究績優獎
	99	ESI(Essential Science Indicators) from Thomson Reuters	Rising Star 學者
	103	Thomson Reuters	Highly Cited Researcher 高引用學者
黃毅青教授	82	中山大學	理學院新人獎
	94	中山大學	研究績優獎
	100	中山大學	學術研究類特聘教授
	103	中山大學	學術研究類特聘教授
蔡志賢教授	82	中山大學	理學院新人獎
	88	中山大學	優良導師獎
	103	中山大學	理學院教學績優獎
羅夢娜教授	84	中山大學	優良導師獎
羅春光教授	86	國科會	績優新進研究計劃
	96	中山大學	優良教學獎
	98	中山大學	優良教學獎
	100	中山大學	教學績優教師
	101	中山大學	理學院教學績優獎
	102	中山大學	教學績優教師
郭美惠教授	90	中山大學	優良導師獎
黃杰森教授	93	教育部	基礎科學教育改進計畫優等獎
	95	中山大學	優良導師獎
	100	中山大學	學術研究績優教師
	101	中山大學	學術研究績優教師
董立大教授	92	中山大學	理學院優良導師
	92	中山大學	理學院傑出教師
	93	中山大學	理學院優良導師
	93	中山大學	理學院傑出教師
	94	中山大學	理學院傑出教師
	95	中山大學	傑出教學獎
陳美如教授	98	中山大學	優良導師獎
李宗錂教授	100	中山大學	特聘年輕學者
張　中教授	100	中山大學	特聘年輕學者
	102	中山大學	優良導師獎
張福春教授	104	中山大學	優良導師獎
黃信元教授	103	國家理論科學研究中心	年輕理論學者獎
	105	中華民國數學會	青年數學家獎

十、學生榮譽榜

碩博士班

姓名	得獎學年	頒發單位	獎項名稱
陳麗夙	76	中央研究院	周鴻經獎學金
蘇志成	77	中央研究院	周鴻經獎學金
葉鴻國	78	中央研究院	周鴻經獎學金
洪家宗	79	中國統計學社	最優統計論文獎
許明峻	81	中國統計學社	最優統計論文獎
李姻樺	81	中華文化復興運動總會	數學優良學生論文獎
張秀芬	82	中國統計學社	優良統計論文獎
司馬佩文	84	中央研究院	周鴻經獎學金
朱淑真	85	中國統計學社	優良統計論文獎
蔣志祥	85	中華文化復興運動總會	數學優良學生論文獎
李盈盈	85	中央研究院	周鴻經獎學金
楊清富	85	中央研究院	周鴻經獎學金
葉雲兆	85	中華民國電腦學會	論文佳作獎
陳瑞彬	86	中國統計學社	最優統計論文獎
蘇志成	86	台美文化交流基金會	陳文成統計科學獎學金
蔣志祥	87	中央研究院	周鴻經獎學金
黃錦輝	89	中央研究院	周鴻經獎學金
黃錦輝	89	台美文化交流基金會	陳文成統計科學獎學金
吳佼佼	90	國科會	碩士論文獎
趙志益	90	中央研究院	周鴻經獎學金
王琪玲	90	台美文化交流基金會	陳文成統計論文獎學金
陳中川	90	中華文化復興會	中華文化復興會優良學生論文獎
潘志實	91	中山大學	中山大學 91 學年度博士研究生 優秀畢業論文獎
潘志實	91	中華民國數學會	優良學生論文獎
孫德宇	91	中華民國數學會	優良學生論文獎
潘志實	91	台灣組合數學新苗研討會	優良論文獎
林淑媛	91	台灣組合數學新苗研討會	優良論文獎
許湘伶	91	中國統計學社	優等獎
孫德宇	91	中國統計學社	優等獎
林英芬	91	中央研究院	周鴻經獎學金
黃世豪	91	中央研究院	周鴻經獎學金
潘志實	91	中山大學	博士研究生優秀畢業論文獎
潘志實	91	中華民國數學會	博士研究生優秀畢業論文獎

姓名	得獎學年	頒發單位	獎項名稱
潘志實	92	台灣組合數學新苗研討會	優良論文獎
林淑媛	92	台灣組合數學新苗研討會	優良論文獎
楊宗穎	93	台灣組合數學新苗研討會	優良論文獎
楊宗穎	93	中華民國數學會	優良論文獎
陳中川	93	教育部	公費留學獎學金
林英芬	94	中華民國數學會	優良論文獎
林英芬	94	中山大學	博士研究生優秀畢業論文獎
鄭彥修	94	中華民國數學會	博士研究生優秀畢業論文獎
張育群	94	中國統計學社	碩士論文優等獎
吳佼佼	94	台灣組合數學新苗研討會	優良論文獎
楊朝祺	94	台灣組合數學新苗研討會	優良論文獎
顏珮嵐	94	台灣組合數學新苗研討會	優良論文獎
林承穎	95	台灣組合數學新苗研討會	優良論文獎
洪蓉婷	95	台灣組合數學新苗研討會	優良論文獎
李昀叡	95	台灣組合數學新苗研討會	優良論文獎
林良靖	96	中國統計學社	碩士論文優等獎
毛鏘淵	96	中國統計學社	碩士論文優等獎
黃士峰	97	魏慶榮統計論文獎	特優獎
李全濱	97	魏慶榮統計論文獎	優等獎
林銘宏	97	台灣組合數學新苗研討會	優良論文獎
張家榮	97	台灣組合數學新苗研討會	優良論文獎
林詠嘉	97	中國統計學社	碩士論文佳作獎
蔡仲信	98	中國統計學社	碩士論文優等獎
洪宛頻	99	魏慶榮統計論文獎	魏慶榮統計論文獎佳作
孫亦瑩	100	中國統計學社	碩士論文優等獎
李根良	100	中國統計學社	碩士論文佳作獎
許湘伶	100	中華機率統計學會	魏慶榮統計論文獎優等獎
許銘修	101	中山大學	博士研究生優秀畢業論文獎
林良靖	101	中華機率統計學會	魏慶榮統計論文獎特優獎
黃世豪	102	中華機率統計學會	魏慶榮統計論文獎優等獎
黃玉潔	102	高大統研所	中山高大統計新秀獎學金
劉宗宜	102	高大統研所	中山高大統計新秀獎學金
曹哲維	102	中央研究院	周鴻經獎學金
陳漢維	103	高大統研所	中山高大統計新秀獎學金
林政衛	103	高大統研所	中山高大統計新秀獎學金
邱海唐	103	中華機率統計學會	魏慶榮統計論文獎優等獎
林政衛	103	中國統計學社	碩士論文優等獎

姓名	得獎學年	頒發單位	獎項名稱
徐銘蔚	104	高大統研所	中山高大統計新秀獎學金
莊育祥	104	高大統研所	中山高大統計新秀獎學金
賴俞瑾	105	高大統研所	中山高大統計新秀獎學金
倫智欣	105	高大統研所	中山高大統計新秀獎學金
倫智欣 張文怡 陳吉重 王莉珮	105	中華應用統計學會	2016 年 CASA 大數據行銷爭霸賽銀質獎

大學部

姓名	得獎學年	頒發單位	獎項名稱
陳瑞彬	81	中央研究院	周鴻經獎學金
陳瑞彬	84	國科會	大專學生研究創作獎
王瑞慶 安興彥 莊玉如	84	教育部	程式設計競賽大學組甲類優等獎
安興彥 林嵩慶 謝孟吉	86	Association for Computing Machinery 台灣師範大學	亞洲區 ACM 軟體競賽第五名
歐陽振森	86	中央研究院	周鴻經獎學金
葉盛毅	86	國科會	大專學生研究創作獎
黃錦輝	88	國科會	大專學生研究創作獎
黃碩達 廖英哲	88	教育部	ACM 亞洲盃程式設計比賽第六名
謝瑋珊	89	台灣師範大學科技中心	大學數學學力測驗線性代數銅牌獎
官振傑	95	中央研究院	周鴻經獎學金
陳志瑋	96	中央研究院	周鴻經獎學金
陳曉慧	97	財團法人周大觀文教基金會	第八屆熱愛生命獎學金
蔣宜津	98	中國統計學社	大學獎學金
何家興	99	中國統計學社	大學獎學金
李俊賢	99	中央研究院	周鴻經獎學金
顏妤樺	100	中國統計學社	大學獎學金
劉又齊	101	中國統計學社	大學獎學金
李俊賢	102	中國統計學社	大學獎學金
陳熙恆 黃瑋杰 籃郁佳 高國璿	102	台灣工業與應用數學會	優良海報論文獎
戴仲韋	103	中國統計學社	大學獎學金
蕭　涵	104	中國統計學社	大學獎學金
鄭宗哲	104	中央研究院	周鴻經獎學金
林寬展 鍾冠毅 蔡定杰	104	台灣大學與 BoniO Inc.	「世界微積分大賽」進入前 12 名
蔡定杰 林寬展	104	台灣工業與應用數學會	優良海報論文獎

十一、近五年國外來訪客座教授

100 學年	101 學年	102 學年	103 學年	104 學年
100/8/1~101/7/31	101/8/1~102/7/31	102/8/1~103/7/31	103/8/1~104/7/31	104/8/1~105/7/31
22 人	22 人	60 人	60 人	60 人

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
1	100	Kerby Shedden	美國 University of Michigan	USA	2011/8/8	2011/9/8	Statistics	羅夢娜
2	100	黃震宇 Huang Zhenyu	中國 Nanjin University (南京大學)	China	2011/8/20	2011/9/10	Nonlinear Analysis, Optimization	徐洪坤
3	100	張書華 Shuhua Zhang	中國 Tianjin University of Finance and Economics (天津財經大學)	China	2011/10/9	2011/11/8	Computational Mathematics	李子才
4	100	杜鴻科 Hongke Du	中國 Shaanxi Normal University (陝西師範大學數學與信息科學學院)	China	2011/11/1	2011/11/30	Operator Theory	黃毅青
5	100	王海嬰 Hoi Ying Wong	中國香港 The Chinese University of Hong Kong (香港中文大學統計學系)	Hong Kong	2011/12/12	2011/12/15	Statistics	郭美惠
6	100	金小慶 Xiao-Qing Jin	中國 University of Macau (澳門大學)	China	2011/12/14	2011/12/20	Numerical Analysis	徐洪坤
7	100	Barbara Bogacka	英國 Queen Mary, University of London	United Kingdom	2011/12/28	2012/1/7	Statistics	羅夢娜
8	100	高穗涉 Wataru Takahashi	日本 Tokyo Institute of Technology	Japan	2012/1/1	2012/1/31	Nonlinear Analysis	黃毅青
9	100	Anthony C. Atkinson	英國 London School of Economics	United Kingdom	2012/1/3	2012/1/7	Statistics	羅夢娜
10	100	楊宇泓 (楊宇紅) Yuhong Yang	美國 University of Minnesota	USA	2012/1/3	2012/1/6	Statistics	羅夢娜
11	100	姚永紅 Yonghong Yao	中國 Tianjin Polytechnic University (天津工業大學)	China	2012/1/6	2012/2/17	Nonlinear Analysis, Fixed Point Theory	徐洪坤
12	100	梁　進 Jin Liang	中國上海 Shanghai Jiao Tong University (上海交通大學數學系)	China	2012/1/17	2012/2/15	Nonlinear Analysis, Optimization, Differential Equations	徐洪坤
13	100	肖體俊 Tiejun Xiao	中國上海 Fudan University (復旦大學數學科學院)	China	2012/1/17	2012/2/15	Nonlinear Analysis, Optimization, Differential Equations	徐洪坤
14	100	李相烈 Sangyeol Lee	韓國 Seoul National University	Korea	2012/2/20	2012/2/26	Statistics	郭美惠
15	100	李志光 Chi-Kwong Li	美國 College of William and Mary	USA	2012/2/23	2012/2/26	Linear Algebra	黃毅青
16	100	Vittorio Colao	義大利 University of Calabria	Italy	2012/3/3	2012/3/31	Nonlinear Analysis, Optimization	徐洪坤
17	100	王維凡 Weifan Wang	中國 Zhejiang Normal University (浙江師範大學)	China	2012/4/25	2012/4/30	Graph Theory	董立大
18	100	石鐘慈 Zhong-Ci Shi	中國 Chinese Academy of Sciences (中國科學院)	China	2012/6/29	2012/7/2	Computational Mathematics, Finite Element Method	呂宗澤
19	100	蔡文端 Man-Duen Choi	加拿大 University of Toronto	Canada	2012/7/3	2012/7/13	Operator Algebras, Quantum Informations Sciences	黃毅青

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
20	100	胡膺期 Inchi Hu	中國香港 Hong Kong University of Science and Technology (香港科技大學)	Hong Kong	2012/7/20	2012/7/25	Probability, Statistics	郭美惠
21	100	Valeri Obukhovskii	俄羅斯 Voronezh State University	Russia	2012/7/23	2012/7/31	Nonlinear Analysis, Partial Differential Equations	姚任之
22	100	M. Kamenskii	俄羅斯 Voronezh State University	Russia	2012/7/23	2012/7/31	Nonlinear Analysis, Partial Differential Equations	姚任之
23	101	高橋涉 Wataru Takahashi	日本 Tokyo Institute of Technology	Japan	2012/8/1	2012/12/31	Nonlinear Analysis	黃毅青
24	101	梁　進 Jin Liang	中國上海 Shanghai Jiao Tong University (上海交通大學數學系)	China	2012/8/1	2012/8/31	Nonlinear Analysis, Optimization, Differential Equations	徐洪坤
25	101	肖體俊 Tiejun Xiao	中國上海 Fudan University (復旦大學數學科學院)	China	2012/8/1	2012/8/31	Nonlinear Analysis, Optimization, Differential Equations	徐洪坤
26	101	王金華 Jin-Hua Wang	中國 Zhejiang University of Technology (浙江工業大學數學系)	China	2012/8/2	2012/9/2	Nonsmooth Optimization	姚任之
27	101	Kerby Shedden	美國 University of Michigan	USA	2012/8/6	2012/9/3	Statistics	羅夢娜
28	101	李　沖 Chong Li	中國 Zhejiang University (浙江大學數學系)	China	2012/8/7	2012/9/14	Approximation, Nonsmooth Optimization	姚任之
29	101	魏廣生 Guang Sheng Wei	中國 Shaanxi Normal University (陝西師範大學)	China	2012/8/27	2012/10/17	Functional Analysis	徐洪坤
30	101	吳志強 Chi-Keung Ng	中國 Nankai University (南開大學數學學院)	China	2012/11/5	2012/12/7	Operator Algebras	黃毅青
31	101	蔡文端 Man-Duen Choi	加拿大 University of Toronto	Canada	2012/11/7	2012/11/29	Operator Algebras, Quantum Informations Sciences	黃毅青
32	101	Sangho Kum	韓國 Chungbuk National University	Korea	2013/1/21	2013/2/6	Nonlinear Analysis, Optimization	姚任之
33	101	李相烈 Sangyeol Lee	韓國 Seoul National University	Korea	2013/1/29	2013/2/5	Statistics	郭美惠
34	101	高橋涉 Wataru Takahashi	日本 Tokyo Institute of Technology	Japan	2013/2/1	2016/1/31	Nonlinear Analysis	黃毅青
35	101	汪　崧 Song Wang	澳洲 The University of Western Australia	Australia	2013/2/22	2013/6/30	Computational Finance, Scientific Computing	黃杰森
36	101	Todd Ogden	美國 Columbia University	USA	2013/5/14	2013/5/18	Biostatistics, Statistics	張中
37	101	李　沖 Chong Li	中國 Zhejiang University (浙江大學數學系)	China	2013/5/27	2013/9/26	Approximation, Nonsmooth Optimization	姚任之
38	101	羅先發 Xianfa Luo	中國 China Jiliang University (中國計量學院理學院數學系)	China	2013/7/1	2013/8/31	Approximation Theory	姚任之
39	101	王金華 Jin-Hua Wang	中國 Zhejiang University of Technology (浙江工業大學數學系)	China	2013/7/3	2013/9/3	Nonsmooth Optimization	姚任之
40	101	Nguyen Don Yen	越南 Vietnamese Academy of Science and Technology	Vietnam	2013/7/5	2013/9/5	Optimization, Nonsmooth Analysis	姚任之
41	101	Qamrul Hasan Ansari	印度 Aligarh Muslim University	India	2013/7/7	2013/7/21	Nonlinear Analysis, Optimization	姚任之
42	101	梁子威 Chi-Wai Leung	中國香港 The Chinese University of Hong Kong (香港中文大學數學系)	Hong Kong	2013/7/7	2013/7/19	Functional Analysis	黃毅青
43	101	潘光明 Guangming Pan	新加坡 Nanyang Technological University (南洋理工大學)	Singapore	2013/7/17	2013/7/24	Random Matrics	郭美惠

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
44	101	宋　文 Wen Song	中國 Harbin Normal University (哈爾濱師範大學)	China	2013/7/22	2013/8/12	Control	姚任之
45	102	Todd James Arbogast	美國 The University of Texas at Austin	USA	2013/8/3	2013/8/17	Numerical Analysis	黃杰森
46	102	李興蓉	美國 University of Michigan	USA	2013/8/26	2014/6/30	Statistics	羅夢娜
47	102	Nguyen Don Yen	越南 Vietnamese Academy of Science and Technology	Vietnam	2013/9/6	2013/10/5	Optimization, Nonsmooth Analysis	姚任之
48	102	Nguyen Nang Tam	越南 Hanoi Pedagogical University	Vietnam	2013/9/6	2013/10/5	Optimal Control	姚任之
49	102	Abdullah Bin Abu Baker	印度 Indian Institute of Technology Kanpur	India	2013/10/27	2013/12/12	Approximation	姚任之
50	102	Lajos Molna	匈牙利 University of Debrecen	Hungary	2013/10/28	2013/11/10	Nonlinear Analysis	黃毅青
51	102	何炳生 Bingsheng He	中國 Nanjing University (南京大學數學系)	China	2013/11/3	2013/12/31	Approximation	姚任之
52	102	李　沖 Chong Li	中國 Zhejiang University (浙江大學數學系)	China	2013/11/22	2013/12/22	Approximation, Nonsmooth Optimization	姚任之
53	102	金泰和 Tae-Hwa Kim	韓國 Pukyong National University (釜山國立大學)	Korea	2013/12/1	2013/12/30	Nonsmooth Optimization	姚任之
54	102	陳建龍 Jianlong Chen	中國 Southeast University (東南大學)	China	2013/12/1	2013/12/30	Nonsmooth Optimization	姚任之
55	102	鄭喜印 Xi-Yin Zheng	中國 Yunnan University (雲南大學數學系)	China	2013/12/1	2013/12/31	Nonlinear Analysis	黃毅青
56	102	渡部敏明 Toshiaki Watanabe	日本 Hitotsubashi University	Japan	2013/12/6	2013/12/8	Statistics	郭美惠
57	102	長倉大輔 Daisuke Nagakura	日本 Keio University	Japan	2013/12/6	2013/12/9	Statistics	郭美惠
58	102	蔣翼邁 Yik-Man Chiang	中國 Hong Kong University of Science and Technology (香港科技大學數學系)	Hong Kong	2013/12/6	2013/12/9	Partial Differential Equations	羅春光
59	102	Giuseppe Marino	義大利 University of Calabria	Italy	2013/12/17	2013/12/22	Nonsmooth Optimization	姚任之
60	102	蘇　萌 Meng Su	美國 Penn State University at Erie, The Behrend College	USA	2013/12/18	2013/12/25	Optimization	徐洪坤
61	102	劉道明 Anthony To Ming Lau	加拿大 University of Alberta, Dept. of Math.	Canada	2013/12/19	2013/12/23	泛函分析，調和分析	黃毅青
62	102	蔣翼邁 Yik-Man Chiang	中國 Hong Kong University of Science and Technology (香港科技大學數學系)	Hong Kong	2013/12/25	2013/12/29	Partial Differential Equations	羅春光
63	102	Kerby Shedden	美國 University of Michigan	USA	2013/12/15	2014/6/30	Statistics	羅夢娜
64	102	黃啟南 Kainm Thomas Wong	中國 Hong Kong Polytechnic University (香港理工大學)	Hong Kong	2013/12/27	2014/1/10	Statistics	羅夢娜
65	102	羅小華 Shaw-Haw Lo	美國 Columbia University (哥倫比亞大學統計系)	USA	2014/1/2	2014/1/15	Statistics	羅夢娜
66	102	李志光 Chi-Kwong Li	美國 College of William and Mary (威廉瑪麗學院)	USA	2014/1/6	2014/1/11	Linear Algebra, Matrix Theory	黃毅青
67	102	Sangho Kum	韓國 Chungbuk National University (忠北國立大學)	Korea	2014/2/2	2014/2/28	Nonsmooth Optimization	姚任之
68	102	Shinya Fujita	日本 Yokohama City University (横浜市立大學)	Japan	2014/3/18	2014/3/27	Graph Theory	董立大
69	102	朱江醒	中國 Yunnan University	China	2014/3/19	2014/7/18	Optimization	姚任之

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
70	102	胡膺期 Inchi Hu	中國香港 Hong Kong University of Science and Technology (香港科技大學)	Hong Kong	2014/3/19	2014/3/24	Tail Probability, Important Sampling	郭美惠
71	102	倪仁興 Ni Renxing	中國 Shaozing University (紹興文理學院)	China	2014/3/24	2014/6/25	Nonlinear Analysis, Optimization	徐洪坤
72	102	Yukino Tomizawa	日本 Chuo University	Japan	2014/3/27	2015/3/16	Nonlinear Analysis	姚任之
73	102	Somyot Plubtieng	泰國 Naresuan University	Thailand	2014/3/28	2014/4/7	Nonlinear Analysis	姚任之
74	102	Narin Petrot	泰國 Naresuan University	Thailand	2014/3/28	2014/4/7	Nonlinear Analysis	姚任之
75	102	王定江 Ding-Jiang Wang	中國 (Zhejiang University of Technology)	China	2014/4/5	2014/5/5	Biomedical Mathematics	姚任之
76	102	李　沖 Chong Li	中國 Zhejiang University (浙江大學數學系)	China	2014/4/5	2014/5/20	Approximation Theory, Nonsmooth Optimization	姚任之
77	102	Truong Xuan Duc Ha	越南 Vietnamese Academy of Science and Technology	Vietnam	2014/4/15	2014/6/15	Optimization	姚任之
78	102	Pham Tien Son	越南 University of Dalat	Vietnam	2014/5/20	2014/7/20	Optimization, Theory of Singularity	姚任之
79	102	金百鎖 Baisuo, Jin	中國 University of Science and Technology, Dept. of Statistics and Finance (中國科學技術大學統計與金融系)	China	2014/5/29	2014/6/4	Probability, Statistics	羅夢娜
80	102	胡耀華	香港 Hong Kong Polytechnic University	Hong Kong	2014/5/29	2014/6/10	Optimization	徐洪坤
81	102	繆柏其	中國 University of Science and Technology, Dept. of Statistics and Finance (中國科學技術大學統計與金融系)	China	2014/5/29	2014/6/12	Asymptotic Statistics, Industrial Statistics, Non-Parametric Statistics	郭美惠
82	102	袁曉明 Xiaoming Yuan	香港 Hong Kong Baptist University	Hong Kong	2014/5/30	2014/6/11	Optimization	徐洪坤
83	102	Krishna Balasundaram Athreya	美國 愛荷華州立大學數學系暨統計系	USA	2014/5/31	2014/6/14	Mathematical Statistics, Probability Theory	郭美惠
84	102	D. R. Sahu	印度 Banaras Hindu University	India	2014/6/6	2014/7/4	Nonlinear Analysis	姚任之
85	102	王金華 Jin-Hua Wang	中國 Zhejiang Univeristy of Technology	China	2014/7/1	2014/8/31	Nonsmooth Optimization	姚任之
86	102	方東輝 Dong-Hui Fang	中國 Jisou University	China	2014/7/1	2014/8/31	Optimization	姚任之
87	102	沈衛平 Wei-Ping Shen	中國 Zhejiang Normal University (浙江師範大學)	China	2014/7/1	2014/9/30	Optimization, Numerical Computation	姚任之
88	102	羅先發 Xian-Fa Lou	中國 Jiliang University	China	2014/7/1	2014/7/31	Approximation Theory	姚任之
89	102	宋　文 Wen Song	中國 Harbin Normal University (哈爾濱師範大學)	China	2014/7/1	2014/7/31	Approximation Theory	姚任之
90	102	夏福全 F.Q. Xia	中國 Shichuan Normal University (四川師範大學)	China	2014/7/1	2014/10/31	Optimization	姚任之
91	102	N.D. Yen	越南 Vietnamese Academy of Science and Technology	Vietnam	2014/7/4	2014/8/12	Optimization	姚任之
92	102	李沖 Chong Li	中國 Zhejiang Univeristy	China	2014/7/4	2014/9/5	Approximation, Nonsmooth Optimization	姚任之
93	102	NGUYEN Thi Van Hang	越南 Vietnamese Academy of Science and Technology	Vietnam	2014/7/4	2014/12/31	Optimization	姚任之
94	102	Nguyen Thi Vanh	越南 Vietnamese Academy of Science and Technology	Vietnam	2014/7/4	2014/12/31	Optimization	姚任之

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
95	102	李奎明 Gue-Myung Lee	韓國 Pukyong National University (釜山國立大學)	Korea	2014/7/5	2014/7/23	Optimization	姚任之
96	102	Radu Bot	奧地利 University of Vienna	Austria	2014/7/6	2014/7/12	Optimization	姚任之
97	102	陳嘉偉 Jia-Wei Chen	中國 Southwest University (西南大學)	China	2014/7/6	2014/8/6	Optimization	姚任之
98	102	Valeri Obukhovskii	俄羅斯 Voronezh State University	Russia	2014/7/6	2014/8/12	Control, Nonlinear Analysis	姚任之
99	102	NGUYEN Van Loi	越南 Petro VietNam University	Vietnam	2014/7/14	2014/8/12	Control, Nonlinear Analysis	姚任之
100	102	Eskandar Naraghirad	伊朗 Yasouj University	Iran	2014/7/19	2014/9/19	Nonlinear Analysis	姚任之
101	102	張　爽 Shuang Zhang	美國 Department of Mathematical Science, University of Cincinnati	USA	2014/7/20	2014/7/25	Variational Analysis	黃毅青
102	102	鄭喜印 Xi-Yin Zheng	中國 Yunnan University	China	2014/7/21	2014/8/4	Approximation Theory	姚任之
103	102	Sangho Kum	韓國 Chungbuk National University	Korea	2014/7/21	2014/8/4	Optimization	姚任之
104	102	蔣翼邁	中國 (香港科技大學)	Hong Kong	2014/7/30	2014/8/8	Nevanlinna Theory, Differential Equations	羅春光
105	103	Arutiunov Andronick Aramovich	俄羅斯 Moscow Institute of Physics and Technologies	Russia	2014/8/6	2014/8/12	Control	姚任之
106	103	Todd Arbogast	美國 University of Teaxes	USA	2014/8/13	2014/8/23	Numerical Analysis	黃杰森
107	103	Q.H. Ansari	印度 Aligarh Muslim University	India	2014/9/7	2014/10/6	Nonlinear Analysis, Optimization	姚任之
108	103	Sangho Kum	韓國 Chungbuk National University	Korea	2014/9/15	2014/10/15	Nonlinear Analysis, Optimization	姚任之
109	103	李沖 Chong Li	中國 Zhejiang Univeristy	China	2014/10/2	2015/1/10	Approximation, Nonsmooth Optimization	姚任之
110	103	邊保軍 Bian Baojun	中國 Tongji University (同濟大學)	China	2014/10/28	2014/11/5	非線性偏微分方程，金融數學	徐洪坤
111	103	孫繼濤 Sun Jitao	中國 Tongji University (同濟大學)	China	2014/10/22	2014/11/5	最優控制	徐洪坤
112	103	Patricia Szokol	匈牙利 University of Debrecen	Hungary	2014/10/29	2014/11/7	Functional Analysis	黃毅青
113	103	王亞琴	中國 (紹興大學數學系)	China	2014/11/1	2014/12/31	Optimization	徐洪坤
114	103	Didier Aussel	英國 University of Perpignan	United Kingdom	2014/11/2	2014/11/15	Optimization	徐洪坤
115	103	Zaslvski Alexander	以色列 Israel Institute of Technology	Israel	2014/11/15	2014/12/2	Functional Analysis	徐洪坤
116	103	郭寶珠	南非 University of the Witwatersrand	South Africa	2014/11/29	2014/12/31	Infnite Dimensional System Control	徐洪坤
117	103	Muglia Luigi	義大利 University of Calabria	Italy	2014/12/1	2014/12/20	非線性分析	徐洪坤
118	103	Peypouquet Juan	智利 University Tecnica Federico Santa Maria	Vietnam	2014/12/1	2014/12/13	最佳化理論與應用	徐洪坤
119	103	N.D. Yen	越南 Vietnamese Academy of Science and Technology	Vietnam	2014/12/4	2014/12/31	Optimization Theory	姚任之
120	103	Vittorio Colao	義大利 University of Calabria	Italy	2014/12/4	2014/12/20	最佳化理論與應用	徐洪坤

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
121	103	黎景輝 King-Fai Lai	澳洲 The University of Sydney, Australia (雪梨大學數學系)	Australia	2014/12/5	2014/12/15	Optimization	黃毅青
122	103	Dominguez-Benavides Tomas	西班牙 Universidad de Sevilla	Spain	2014/12/9	2014/12/21	非線性分析，固定點理論	徐洪坤
123	103	彭繼根	中國 (西安交通大學)	China	2014/12/12	2014/12/21	最佳化理論，非線性分析	徐洪坤
124	103	徐宗本	中國 (西安交通大學)	China	2014/12/12	2014/12/25	最佳化理論，非線性分析	徐洪坤
125	103	吳志強 Chi-Keung Ng	中國 Nankai Univeristy (南開大學數學學院)	China	2014/12/15	2014/12/25	算子代數，泛函分析	黃毅青
126	103	葉筱倞	美國 Georgia State Univeristy	USA	2014/12/19	2014/12/31	最佳化理論與應用	徐洪坤
127	103	梁子威 Chi-Wai Leung	中國 The Chinese University of Hong Kong (香港中文大學數學系)	Hong Kong	2014/12/23	2014/12/31	算子代數	黃毅青
128	103	Ilya Spitkovsky	美國 Division of Science and Mathematics, New York University (紐約大學)	USA	2014/12/27	2014/12/31	最佳化，非線性分析	徐洪坤
129	103	Nashed Zuhair	美國 University of Central Florida	USA	2014/12/27	2014/12/31	最佳化，非線性分析	徐洪坤
130	103	陳汝棟	中國 (天津工業大學)	China	2015/1/2	2015/1/16	泛函分析	姚任之
131	103	蘇永福	中國 (天津工業大學)	China	2015/1/2	2015/1/16	泛函分析	姚任之
132	103	何松年	中國 (中國民航大學)	China	2015/1/4	2015/1/18	最佳化理論，非線性分析	徐洪坤
133	103	田　民	中國 (中國民航大學)	China	2015/1/4	2015/1/18	最佳化理論，非線性分析	徐洪坤
134	103	蔣翼邁	中國 (香港科技大學)	Hong Kong	2015/1/9	2015/1/15	Differential Equations, Complex Analysis	羅春光
135	103	夏福全 F. Q. Xia	中國 (四川師範大學)	China	2015/1/10	2015/2/9	Optimization	姚任之
136	103	陳加偉	中國 (西南大學)	China	2015/1/13	2015/2/13	Nonlinear Analysis, Nonsmooth Optimization	姚任之
137	103	何洪津	中國 (杭州電子科技大學)	China	2015/1/20	2015/2/16	Variational Inequality, Numerical Optimization	姚任之
138	103	李湘烈 Sangyeol Lee	南韓 (Seoul National University)	Korea	2015/1/24	2015/1/31	Statistics	郭美惠
139	103	Anca Maria Oprea	羅馬尼亞 Babes-Bolyai University Cluj-Napoca	Rumania	2015/2/1	2015/4/30	Nonlinear Analysis	姚任之
140	103	Qamrul Hasan Ansari	印度 Aligarh Muslim University	India	2015/3/18	2015/4/12	Nonlinear Analysis , Optimization	姚任之
141	103	Elisabeth Köbis	德國 Friedrich-Alexander University	Germany	2015/3/20	2015/4/9	Set Optimization, Vector Optimization	姚任之
142	103	Nguyen Hai Son	越南 Hanoi University of Science and Technology	Vietnam	2015/4/1	2015/6/30	Optimal Control, Nonlinear Analysis	黃毅青
143	103	Bui Trong Kien	越南 Academy of Science and Technology	Vietnam	2015/4/1	2015/6/30	Optimal Control	姚任之

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
144	103	羅小華 Shaw-Hua Lo	美國 (哥倫比亞大學統計系)	USA	2015/5/12	2015/6/2	Survival Analysis, High-Dimensional Data Analysis, Machine Learning	張　中
145	103	彭建文	中國(重慶師範大學數學學院)	China	2015/6/1	2015/8/10	最優化理論	姚任之
146	103	沈衛平 Wei-Ping Shen	中國 (浙江師範大學)	China	2015/6/1	2015/12/31	nonlinear analysis	黃毅青
147	103	Thi Thu Huon Nguyen	越南 Faculiy of Technology Information, le Quy Technical uniaerfily	Vietnam	2015/7/1	2015/12/20	Optimization theory, variational analysis	黃毅青
148	103	夏福全 F. Q. Xia	中國 (四川師範大學)	China	2015/7/1	2015/8/31	Optimization	黃毅青
149	103	Nguyen Dong Yen	越南 Vietnam Academy of Science and Technology	Vietnam	2015/7/1	2015/9/30	Optimization theory, variational analysis	黃毅青
150	103	Mohummed Harunor Rashid	孟加拉 University of Rajshahi	Bangladesh	2015/7/1	2015/12/31	Functional analysis	黃毅青
151	103	倪仁興 Ni Renxing	中國 (紹興文理學院)	China	2015/7/1	2015/8/29	nonlinear functiona analysis	黃毅青
152	103	何洪津 Hongjin He	中國 (杭州電子科技大學)	China	2015/7/1	2015/8/28	Numerical optimization	黃毅青
153	103	Yonghoug Yao	中國 (天津工業大學)	China	2015/7/3	2015/8/28	Mathematics	黃毅青
154	103	李　沖 Chong Li	中國 (浙江大學)	China	2015/7/3	2015/8/31	Mathematics	黃毅青
155	103	趙曉芃	中國 (天津工業大學)	China	2015/7/3	2015/8/28	Convex analysis, optimization	黃毅青
156	103	姚永紅 Yonghong Yao	中國 Tianji Polytechnic University (天津工業大學)	China	2015/7/3	2015/8/28	functional analysis	黃毅青
157	103	彭麗輝 Li-Hui Peng	中國 (浙江工商大學)	China	2015/7/6	2015/8/08	Approximation theory	黃毅青
158	103	羅小華 Shaw-Hua Lo	美國 (哥倫比亞大學統計系)	USA	2015/7/6	2015/7/30	Statistics, Biostatistics	張　中
159	103	Kerby Shedden	美國 Depantment of statistics, Univensity of Michigan, AunArbov	USA	2015/7/6	2015/9/4	Statistics	羅夢娜
160	103	王金華 Jin-Hua Wang	中國 Zhejiang University of Technology (浙江工業大學數學系)	China	2015/7/9	2015/8/26	Mathematics	黃毅青
161	103	方東輝 Dong-Hui Fang	中國 Jisou University	China	2015/7/10	2015/9/1	Linear and nonlinear programming	黃毅青
162	103	Todd James Arbogast	美國 The university of Texas at Austin	USA	2015/7/15	2015/7/25	Numerical analysis	黃杰森
163	103	Le Quang Thuy	越南 Hanoi University	Vietnam	2015/7/15	2015/9/15	Optimal contral theory, optimal theory	姚任之
164	103	陳嘉偉 Jia-Wei Chen	中國 (西南大學)	China	2015/7/17	2015/9/3	Optimization	黃毅青
165	104	黎永錦 Yongjin Li	中國 (廣州中山大學)	China	2015/8/1	2015/8/10	Functional Analysis	黃毅青
166	104	M. Kamenskii	俄羅斯 Voronezh State University	Russia	2015/8/7	2015/8/18	Differential Equations	黃毅青

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167	104	馬玉梅	中國 (大連民族大學)	China	2015/8/31	2015/9/6	Operator Algebras	黃毅青
168	104	黃振友	中國 (南京理工大學)	China	2015/9/13	2015/9/14	Differential Equations	黃毅青
169	104	楊傳富	中國 (南京理工大學)	China	2015/9/13	2015/9/14	Differential Equations	黃毅青
170	104	王於平	中國 (南京林業大學)	China	2015/9/13	2015/9/14	Differential Equations	黃毅青
171	104	方小利	中國 (紹興文理學院)	China	2015/9/21	2015/11/20	代數、量子群	黃毅青
172	104	Adrian Petrusel	羅馬尼亞 Babes-Bolyai University	Romania	2015/10/1	2015/10/30	Nonlinear Analysis	姚任之
173	104	Gabriela Petrusel	羅馬尼亞 Babes-Bolyai University	Romania	2015/10/1	2015/10/30	Nonlinear Analysis	姚任之
174	104	Chou Dean	英國 (牛津大學)	United Kingdom	2015/10/1	2016/3/1	數值計算	黃信元
175	104	Paul Binding	加拿大 University of Calgary	Canada	2015/10/19	2015/10/22	Differential Equations	羅春光
176	104	Patricia Szokol	匈牙利 Uvinersity of debrecen Haungary	Hungary	2015/10/19	2015/10/31	Functional Analysis	黃毅青
177	104	Gergo Nagy	匈牙利 Uvinersity of debrecen Haungary	Hungary	2015/10/19	2015/10/31	Functional Analysis	黃毅青
178	104	胡膺期	香港 Hong Kong Univ. ov Science & Technology (HKUST)	Hong Kong	2015/12/13	2015/12/17	Estimation Cmsistency, Sequential Analysis	郭美惠
179	104	羅小華 Shaw-Hua Lo	美國 Columbia University	USA	2016/1/8	2016/1/13	Statistics, Biostatistics	張　中
180	104	Dean Chou	英國 University of Oxford (牛津大學)	United Kingdom	2016/1/10	2016/3/1	Nonlinear Analysis, Optimization	姚任之
181	104	羅小華 Shaw-Hua Lo	美國 Columbia University	USA	2016/1/18	2016/1/26	Statistics, Biostatistics	張　中
182	104	鄺文錦	香港 (香港理工大學)	Hong Kong	2016/1/18	2016/1/28	Differential Equations	羅春光
183	104	趙曉芃	中國 (天津工業大學)	China	2016/1/22	2016/2/26	Nonlinear Analysis, Optimization	姚任之
184	104	王金華 Jin-Hua Wang	中國浙江工業大學數學系	China	2016/1/29	2016/2/12	Nonlinear Analysis, Optimization	姚任之
185	104	Sangho Kum	韓國 Chungbuk National University	Korea	2016/2/15	2016/2/29	Nonlinear Analysis, Optimization	姚任之
186	104	James Mingo	加拿大 Queen's University	Canada	2016/3/1	2016/3/6	Random Matrix Theory, Operator Algebra	黃皓瑋
187	104	白重金 Bui-Trong Kien	越南 Institute of Mathematics	Vietnam	2016/3/31	2016/6/30	Optimization	姚任之
188	104	梁浩瀚 Denny Leung	新加坡 National University of Singapore 數學系	Singapore	2016/4/1	2016/5/31	泛函分析、算子理論	黃毅青
189	104	Krishna Kummari	印度 Indian School of Mines	India	2016/4/22	2016/6/22	Generalized Convexiy	姚任之

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190	104	蘇永福	中國 (天津工業大學)	China	2016/4/22	2016/5/6	非線性分析	姚任之
191	104	Adrian Petrusel	馬尼亞 Babes-Bolyai University	Romania	2016/5/1	2016/5/29	Nonlinear Analysis	姚任之
192	104	Petrusel Gabriela	馬尼亞 Babes-Bolyai University	Romania	2016/5/1	2016/5/29	Nonlinear Analysis	姚任之
193	104	Thi Huong	越南 (越南理工科學院)	Vietnam	2016/5/2	2016/11/2	Optimization	姚任之
194	104	Todd Ogden	美國 Department of Biostatistic	USA	2016/5/9	2016/5/16	Biostatistic	張　中
195	104	杜鴻科 Hongke Du	中國 Shaanxi Normal University (陝西師範大學數學與信息科學學院)	China	2016/5/16	2016/5/30	Functional Analysis	黃毅青
196	104	Lajos Molnar	匈牙利 Uvinersity of Szeged Budepest	Hungary	2016/5/17	2016/6/4	Functional Analysis	黃毅青
197	104	Gyvrgy Geher	匈牙利 Uvinersity of Szeged Budepest	Hungary	2016/5/17	2016/6/4	Functional Analysis	黃毅青
198	104	Daniel Virosztek	匈牙利 Uvinersity of Szeged Budepest	Hungary	2016/5/17	2016/6/4	Functional Analysis	黃毅青
199		沙烏 Daya Ram Sahu	印度 Banaras Hindu University	India	2016/5/29	2016/7/2	Approximation Theory	姚任之
200	104	Duong Thi Viet Anh	越南 Thai Nguyen University	Vietnam	2016/6/3	2016/12/31	Optimization	黃毅青
201	104	N. D. Yen	越南 (越南理工科學院)	Vietnam	2016/6/3	2016/12/31	Optimization	黃毅青
202	104	Nguyen Thi Thu Huong	越南 Le Quy Don Techaical University	Vietnam	2016/6/3	2016/7/31	Optimization	黃毅青
203	104	Krishna Athreya	美國 Iowa State University	USA	2016/6/10	2016/6/26	Mathematical Analysis, Branching Processes	洪芷漪
204	104	Islam	印度 Aligarh Mustim University	India	2016/6/12	2016/9/12	Optimization	姚任之
205	104	Q. H. Ansari	印度 Aligarh Mustim University	India	2016/6/12	2016/7/3	Optimization	姚任之
206	104	Joydeep Dutta	印度 (印度理工科學院)	India	2016/6/12	2016/7/3	Optimization	姚任之
207	104	趙曉芃 Xiaopeng, Zhao	中國 (天津工業大學)	China	2016/6/17	2016/8/26	Optimization	姚任之
208	104	李志光 Chi-Kwang Li	美國 College of William and Mary	USA	2016/6/20	2016/6/24	Linear Algebra, Matrix Theory	黃毅青
209	104	周　達 Zhou Da	中國 (廈門大學)	China	2016/6/21	2016/6/26	Statistics	郭美惠
210	104	Jiun-Chau Wang	加拿大 University of Saskatchewan	Canada	2016/6/22	2016/7/2	Operator, Free Probability Random Matrices	黃皓瑋
211	104	夏福全 F. Q. Xia	中國 (四川師範大學)	China	2016/7/1	2016/8/31	Optimization	姚任之
212	104	秦　鏡 Jing Qin	中國 (香港中文學)	Hong Kong	2016/7/2	2016/8/20	生物統計	姚任之
213	104	胡耀華 Yaohua Hu	中國 (深圳大學)	China	2016/7/2	2016/8/20	Approximation	姚任之

序號	學年	訪問學者	服務單位	國家	來訪時間 From	來訪時間 To	專長	邀請者
214	104	Kerby Shedden	美國 Depantment of statistics, Univensity of Michigan, AunArbov	USA	2016/7/4	2016/8/1	Statistics	羅夢娜
215	104	Huyen Duong	越南 (越南理工科學院)	Vietnam	2016/7/4	2016/12/31	Optimization	黃毅青
216	104	N. Luan	越南 (越南理工科學院)	Vietnam	2016/7/4	2016/12/31	Optimization	黃毅青
217	104	李　沖 Chong Li	中國 Zhejiang University (浙江大學數學系)	China	2016/7/10	2016/9/10	Approximation Theory	姚任之
218	104	羅先發	中國 (中國計量大學)	China	2016/7/15	2016/8/15	優化	黃毅青
219	104	鮑吉峰	中國 (浙江工商大學)	China	2016/7/15	2016/8/15	優化	黃毅青
220	104	Nguyen Hai Son	越南 (越南理工科學院)	Vietnam	2016/7/18	2016/10/31	Optimization	黃毅青
221	104	陳加偉	中國 (西南理工大學)	China	2016/7/20	2016/8/30	優化	黃毅青
222	104	凌　晨	中國 (杭州電子科技大學)	China	2016/7/24	2016/8/30	優化	黃毅青
223	104	鄭喜印 Xi Yin Zheng	中國 Yunnan University (雲南大學數學系)	China	2016/7/24	2016/8/30	優化	黃毅青
224	104	Eskandar Navaghivad	伊朗 Yusouj University	Iran	2016/7/25	2016/9/30	非線性分析	黃毅青
225	105	Christiane Tammer	德國 Martin Lutne University	Germany	2016/8/4	2016/8/15	Optimization	黃毅青
226	105	Elisabeth Köbis	德國 Martin Lutne University	Germany	2016/8/4	2016/8/15	Optimization	黃毅青
227	105	Markus Arthur Köbis	德國 Martin Lutne University	Germany	2016/8/4	2016/8/15	Optimization	黃毅青
228	105	王金華 Jin-Hua Wang	中國 Zhejiang University of Technology (浙江工業大學數學系)	China	2016/8/4	2016/8/30	Optimization	黃毅青
229	105	許全華	法國 Universit'e de Franche-Comt'e	France	2016/10/10	2016/10/14	泛函分析	黃毅青

十二、近五年博士後研究員

學年度	姓 名	時 間	指導教授
100 學年度	李博智 博士	100/08/01~101/07/31	董立大教授
	盧賽爾 博士	100/09/01~101/07/31	王彩蓮教授
	蔡明誠 博士	100/08/01~101/07/31	黃毅青教授
	廖靜柔 博士	100/08/01~101/07/31	黃毅青教授
	許湘伶 博士	100/08/01~101/07/31	羅夢娜教授
101 學年度	李博智 博士	101/08/01~102/07/31	董立大教授
	蔡明誠 博士	101/08/01~102/07/31	黃毅青教授
	張定邦 博士	101/08/01~102/07/31	王彩蓮教授
102 學年度	蔡明誠 博士	102/08/01~103/07/31	黃毅青教授
	Dr. Huy Chieu Nguyen	102/08/01~102/12/31	姚任之教授
	張 俊 博士	102/08/01~103/01/31	黃毅青教授
	何洪津 博士	102/08/01~103/07/31	徐洪坤教授
	顏珮嵐 博士	102/09/01~103/07/31	王彩蓮教授
103 學年度	林良靖 博士	103/04/01~104/03/31	郭美惠教授
	蔡明誠 博士	103/08/01~104/07/31	黃毅青教授
	顏珮嵐 博士	103/08/01~103/10/31	王彩蓮教授
104 學年度	朱基祥 博士	104/02/12~105/07/31	羅夢娜教授
	劉治能 博士	104/09/01~105/07/31	黃毅青教授
105 學年度	朱基祥 博士	105/08/01~106/07/31	羅夢娜教授
	劉治能 博士	105/08/01~106/07/31	黃毅青教授

十三、近五年舉辦學術研討會

No.	學年	Time From	Time To	Seminar	演講場次	People 人數	Organizer
1	100	2012/2/6	2012/2/6	Workshop on Analysis and Optimization	6	20	徐洪坤 Hong-Kun Xu 黃毅青 Ngai-Ching Wong
2	100	2012/2/18	2012/2/18	2012 南區科學計算與應用研討會 (2012 South Taiwan Workshop on Scientific computing and Applications)	11	30	呂宗澤 Tzon-Tzer Lu 李宗錂 Tsung-Lin Lee
3	100	2012/7/9	2012/7/12	第十一屆數值域與數值半徑研討會 (The 11th Workshop on Numerical Ranges and Numerical Radii)	40	120	黃毅青 Ngai-Ching Wong
4	100	2012/7/27	2012/7/30	第二屆海峽兩岸計算數學研討會	40	100	呂宗澤 Tzon-Tzer Lu 李宗錂 Tsung-Lin Lee
5	101	2012/8/10	2012/8/12	2012 圖論及組合研討會暨組合數學新苗研討會 (2012 Workshop on Graph Theory and Combinatorics & 2012 Symposium for Young Combiantorialists)	26	160	朱緒鼎 Xuding Zhu, 董立大 Li-Da Tong
6	101	2013/5/11	2013/5/11	2013 南區組合數學研討會	5	74	董立大 Li-Da Tong
7	102	2013/8/30	2013/8/30	第二屆南區微分方程研討會 Second Differential Equations Workshop in South Taiwan (2nd DEWST)	9	43	羅春光 Chun-Kong Law
8	102	2013/12/6	2013/12/8	2013 中華民國數學會年會暨數學學術研討會 The 2013 Annual Meeting of the Taiwan Mathematical society (AMMS2013)	106	450	徐洪坤 Hong-Kun Xu
9	102	2013/12/20	2013/12/22	國際非線性分析和最佳化研討會 The International Conference on Nonlinear Analysis and Optimization (ICNAO2013)	82	150	徐洪坤 Hong-Kun Xu 姚任之 Jen-Chih Yao 黃毅青 Ngai-Ching Wong
10	102	2014/5/31	2014/5/31	統計薪傳學術研討會	6	152	
11	103	2014/10/4	2014/10/4	第五屆台灣邊界元素法及相關算法研討會 The Fifth Workshop on Boundary Element and Related Methods in Taiwan	10	91	呂宗澤 Tzon-Tzer Lu
12	103	2014/12/15	2014/12/15	International Symposium on Nonlinear Analysis and Optimizaton, I	7	23	徐洪坤 Hong-Kun Xu
13	103	2014/12/29	2014/12/30	International Symposium on Nonlinear Analysis and Optimizaton with Financial Applications	11	27	徐洪坤 Hong-Kun Xu
14	103	2015/3/5	2015/6/4	「高維資料分析：視覺化與機器學習」研討會 Worksop on High Dimensional Data Analysis: Visualization and Machine Learning	8	56	郭美惠 Mei-Hui Guo
15	103	2015/3/12	2015/3/14	Workshop on Statistical Methods for Large Complex Data	9	63	郭美惠 Mei-Hui Guo
16	103	2015/6/5	2015/6/6	邁向巨量資料分析研討會 Toward Big Data Analysis Workshop	10	80	郭美惠 Mei-Hui Guo
17	103	2015/6/26	2015/6/30	2015 年圖論與組合學國際研討會暨第八屆海峽兩岸圖論與組合學研討會 2015 International Conference on Graph Thory and Combinatorics & Eighth Cross-strait Conference on Graph Theory and Combinatorics	89	163	董立大 Li-Da Tong
18	104	2015/9/13	2015/9/13	Workshop on Direct and Inverse Spectral Problems	6	31	鄭彥修 Yan-Hsiou Cheng 羅春光 Chun-Kong Law

No.	學年	Time From	Time To	Seminar	演講場次	People 人數	Organizer
19	104	2015/11/12	2015/11/12	Big Data One Day Workshop	6	80	郭美惠 Mei-Hui Guo 黃杰森 Chieh-Sen Huang
20	104	2015/12/9	2015/12/10	複雜高維資料分析研討會 Workshop on Complex and High-dimensional Data Analysis	15	92	郭美惠 Mei-Hui Guo 黃杰森 Chieh-Sen Huang
21	104	2016/1/22	2016/1/23	第二十四屆微分方程研討會 24th Annual Workshop on Differential Equations	33	130	羅春光 Chun-Kong Law
22	104	2016/5/19	2016/5/24	Events of Functional Analysts	9	24	黃毅青 Ngai-Ching Wong
23	104	2016/6/24	2016/6/25	第二十五屆南區統計研討會暨 105 年度中華機率統計學會年會及學術研討會暨中華資料採礦協會年會及學術研討會	167	484	陳美如 May-Ru Chen
24	104	2016/6/30	2016/6/30	大數據預測研討會 Workshop on Big Data Learning for Prediction	6	102	郭美惠 Mei-Hui Guo 黃杰森 Chieh-Sen Huang
25	105	2016/10/13	2016/10/13	Mini-Workshop on Functional and Harmonic Analysis	5	15	黃毅青 Ngai-Ching Wong

十四、推廣教育

序號	名 稱	100 學年度	101 學年度	102 學年度	103 學年度	104 學年度
1.	數學營	87 人	53 人	37 人	72 人	64 人
2.	雙週一題問題徵答	533 人	748 人	395 人	351 人	上學期： 未辦 下學期：191 人
3.	數學人才培育班	98 人 $650,000	135 人 $875,000	131 人 $875,000	144 人 $875,000	122 人 $875,000
	小計經費	$650,000	$875,000	$875,000	$875,000	$875,000
	總計人數	718 人	936 人	563 人	567 人	377 人

十五、102-104 學年度演講統計表