

RESEARCH OUTPUTS 2017 – 2018

Research book or monograph (author)

- 1 **QI, L.Q.**, CHEN, Yunnan and CHEN, Haibin#, Tensor Eigenvalues and Their Applications. 1st Ed, Springer SBM, Singapore, 329pp (2018) ISBN 978-981-10-8057-9(print), 978-981-10-8058-6(electronic)

Chapter in an edited book (author)

- 2 **QI, L.Q.**, "A Note on the Multidimensional Moment Problem". In Josef, Dick, Frances Y., Kuo and Henryk, Woźniakowski, Eds., Contemporary Computational Mathematics - A Celebration of the 80th Birthday of Ian Sloan, Springer International Publishing, Cham, pp.1075-1079 (May 2018) ISBN 978-3-319-72455-3(print), 978-3-319-72456-0 (electronic)

Textbook (author)

- 3 LI, Zhilin, **QIAO, ZHONGHUA** and TANG, Tao, Numerical Solution of Differential Equations. 1st Ed, Cambridge University Press, Cambridge, 293pp (2018) ISBN 978-1316615102(print), 1316615103(electronic)

Publication in refereed journal

- 4 CUI, Ying and **SUN, Defeng**, "A Complete Characterization of the Robust Isolated Calmness of Nuclear Norm Regularized Convex Optimization Problems". Journal of Computational Mathematics, Vol. 36, No. 3, pp.441-458 (Mar 2018) ISSN 02549409(print), 19917139(electronic) (<http://www.global-sci.org/jcm/volumes/v36n3/pdf/363-441.pdf>)
- 5 CHAN, Kit Yan, LAM, Hak-Keung, **YIU, Ka Fai Cedric** and DILLON, Tharam S., "A Flexible Fuzzy Regression Method for Addressing Nonlinear Uncertainty on Aesthetic Quality Assessments". IEEE Transactions on Systems, Man, and Cybernetics: Systems, Vol. 47, No. 8, pp.2363-2377 (Aug 2017) ISSN 2168-2216(print), 2168-2232(electronic) (<http://ieeexplore.ieee.org/document/7907344/>)
- 6 LI, Xudong, **SUN, Defeng** and TOH, Kim-Chuan, "A Highly Efficient Semismooth Newton Augmented Lagrangian Method for Solving Lasso Problems". SIAM Journal on Optimization, Vol. 28, No. 1, pp.433-458 (Feb 2018) ISSN 1052-6234(print), 1095-7189(electronic) (<https://epubs.siam.org/doi/10.1137/16M1097572>)
- 7 GAO, Bin, LIU, Xin, **CHEN, XIAOJUN** and YUAN, Ya-Xiang, "A New First-Order Algorithmic Framework for Optimization Problems with Orthogonality Constraints". SIAM Journal on Optimization, Vol. 28, No. 1, pp.302-332 (Feb 2018) ISSN 1052-6234(print), 1095-7189(electronic) (<https://epubs.siam.org/doi/10.1137/16M1098759>)

- 8 MENG,Zhaoliang, **CUI,Jintao** and LUO,Zhongxuan,"A New Rotated Nonconforming Quadrilateral Element". *Journal of Scientific Computing*, Vol. 74, No. 1, pp.324-335 (Jan 2018) ISSN 0885-7474(print), 1573-7691(electronic)
(<http://link.springer.com/10.1007/s10915-017-0435-6>)
- 9 WEI,Zikai#, **YIU,Ka Fai Cedric**, **WONG,Heung** and CHAN,Kit-Yan,"A Novel Multivariate Volatility Modeling for Risk Management in Stock Markets". *International Journal of Fuzzy Systems*, Vol. 20, No. 1, pp.116-127 (Jan 2018) ISSN 1562-2479(print), 2199-3211(electronic) (<http://link.springer.com/10.1007/s40815-017-0298-x>)
- 10 WU,Shu-Lin and **CHEN,XIAOJUN**,"A Parallel Iterative Algorithm for Differential Linear Complementarity Problems". *SIAM Journal on Scientific Computing*, Vol. 39, No. 6, pp.3040-3066 (Dec 2017) ISSN 1064-8275(print), 1095-7197(electronic) (<https://epubs.siam.org/doi/10.1137/16M1103749>)
- 11 FU,Qiang, **GUO,Xin** and LAND,Kenneth C., "A Poisson-multinomial mixture approach to grouped and right-censored counts". *Communications in Statistics - Theory and Methods*, Vol. 47, No. 2, pp.427-447 (2018) ISSN 0361-0926(print), 1532-415X(electronic) (<https://www.tandfonline.com/doi/full/10.1080/03610926.2017.1303736>)
- 12 BI,Chunjia, WANG,Cheng and **LIN,YANPING**,"A Posteriori Error Estimates of Two-Grid Finite Element Methods for Nonlinear Elliptic Problems". *Journal of Scientific Computing*, Vol. 74, No. 1, pp.23-48 (Jan 2018) ISSN 0885-7474(print), 1573-7691(electronic) (<http://link.springer.com/10.1007/s10915-017-0422-y>)
- 13 LI,Xiao, **QIAO,ZHONGHUA** and ZHANG,Hui,"A Second-Order Convex Splitting Scheme for a Cahn-Hilliard Equation with Variable Interfacial Parameters". *Journal of Computational Mathematics*, Vol. 35, No. 6, pp.693-710 (Sep 2017) ISSN 0254-9409(print), 1991-7139(electronic)
- 14 LIU,Wei and **CUI,Jintao**,"A Two-Grid Block-Centered Finite Difference Algorithm for Nonlinear Compressible Darcy–Forchheimer Model in Porous Media". *Journal of Scientific Computing*, Vol. 74, No. 3, pp.1786-1815 (Mar 2018) ISSN 0885-7474(print), 1573-7691(electronic) (<http://link.springer.com/10.1007/s10915-017-0516-6>)
- 15 JIN,Hai-Yang and **WANG,ZHI-AN**,"A dual-gradient chemotaxis system modeling the spontaneous aggregation of microglia in Alzheimer’s disease". *Analysis and Applications*, Vol. 16, No. 03, pp.307-338 (May 2018) ISSN 0219-5305(print), 1793-6861(electronic) (<https://www.worldscientific.com/doi/abs/10.1142/S0219530517500087>)
- 16 ZHOU,Guanglu, WANG,Gang, **QI,Liqun** and ALQAHTANI,Mohammed,"A fast algorithm for the spectral radii of weakly reducible nonnegative tensors". *Numerical Linear Algebra with Applications*, Vol. 25, No. 2, pp.1-10 (Dec 2017) ISSN 10705325(print), 1099-1506(electronic) (<http://doi.wiley.com/10.1002/nla.2134>)

- 17 WU,Xianping, **LI,XUN** and LI,Zhongfei,"A mean-field formulation for multi-period asset-liability mean-variance portfolio selection with probability constraints". Journal of Industrial and Management Optimization, Vol. 14, No. 1, pp.249-265 (Jan 2018) ISSN 1547-5816(print), 1553-166X(electronic)
(<http://www.aims sciences.org/journals/displayArticlesnew.jsp?paperID=13950>)
- 18 CUI,Xiangyu, **LI,XUN**, WU,Xianping and YI,Lan,"A mean-field formulation for multi-period asset–liability mean–variance portfolio selection with an uncertain exit time". Journal of the Operational Research Society, Vol. 69, No. 4, pp.487-499 (Apr 2018) ISSN 0160-5682(print), 1476-9360(electronic) (<https://www.tandfonline.com/doi/full/10.1057/s41274-017-0232-5>)
- 19 **LI,Buyang**, LIU,Jun and XIAO,Mingqing,"A new multigrid method for unconstrained parabolic optimal control problems". Journal of Computational and Applied Mathematics, Vol. 326, pp.358-373 (Dec 2017) ISSN 03770427(print), 18791778(electronic)
(<http://linkinghub.elsevier.com/retrieve/pii/S0377042717303084>)
- 20 LIU,Yanyan, ZHANG,Jing and **ZHAO,Xingqiu**,"A new nonparametric screening method for ultrahigh -dimensional survival data". Computational Statistics & Data Analysis , Vol. 119, pp.74-85 (Mar 2018) ISSN 0167-9473(print)
- 21 GAO,Mingjie#, **YIU,Ka Fai Cedric** and WU,Soonyi,"A perturbation exchange algorithm for convex semi-infinite programming with applications in sparse beamformer design". Pacific Journal of Optimization, Vol. 14, No. 1, pp.15-30 (2018) ISSN 1348-9151(print), 1349-8169(electronic) (<http://www.ybook.co.jp/online2/pjov14-1.html>)
- 22 WEN,Bo#, **CHEN,XIAOJUN** and **PONG,Ting Kei**,"A proximal difference-of-convex algorithm with extrapolation". Computational Optimization and Applications, Vol. 69, No. 2, pp.297-324 (Mar 2018) ISSN 0926-6003(print), 1573-2894(electronic)
(<http://link.springer.com/10.1007/s10589-017-9954-1>)
- 23 CUI,Chunfeng, LI,Qingna, **QI,Liqun** and YAN,Hong,"A quadratic penalty method for hypergraph matching". Journal of Global Optimization, Vol. 70, No. 1, pp.237-259 (Jan 2018) ISSN 0925-5001(print), 1573-2916(electronic)
(<http://link.springer.com/10.1007/s10898-017-0583-0>)
- 24 CHEN,Haibin#, CHEN,Yannan, LI,Guoyin and **QI,Liqun**,"A semidefinite program approach for computing the maximum eigenvalue of a class of structured tensors and its applications in hypergraphs and copositivity test: Computing the maximum eigenvalue of a class of tensors". Numerical Linear Algebra with Applications, Vol. 25, No. 1, pp.1-16 (Oct 2017) ISSN 10705325(print), 1099-1506(electronic)
(<http://doi.wiley.com/10.1002/nla.2125>)

- 25 GUAN,Chonghu, **LI,XUN**, **XU,ZUO QUAN** and YI,Fahuai,"A stochastic control problem and related free boundaries in finance". *Mathematical Control and Related Fields*, Vol. 7, No. 4, pp.563-584 (Dec 2017) ISSN 2156-8472(print), 2156-8499(electronic) (<http://www.aims sciences.org/journals/displayArticlesnew.jsp?paperID=14536>)
- 26 **HUANG,JIANHUI**, WANG,Haiyang and WU,Zhen,"A sufficient stochastic maximum principle for a kind of recursive optimal control problem with obstacle constraint". *Systems & Control Letters*, Vol. 114, pp.27-30 (Apr 2018) ISSN 0167-6911(print) (<https://www.sciencedirect.com/science/article/pii/S0167691118300264>)
- 27 ALI,Sheikh Taslim, WU,Peng, CAUCHEMEZ,Simon, **HE,Daihai**, FANG,Vicky J., COWLING,Benjamin J. and TIAN,Linwei,"Ambient ozone and influenza transmissibility in Hong Kong". *European Respiratory Journal*, Vol. 51, No. 5, pp.1800369 (May 2018) ISSN 0903-1936(print), 1399-3003(electronic) (<http://erj.ersjournals.com/lookup/doi/10.1183/13993003.00369-2018>)
- 28 CHANG,Qianshun, **LIN,YANPING** and XU,Shuzhan,"An Approximate Algorithm to Solve Linear Systems by Matrix with Off-Diagonal Exponential Decay Entries". *International Journal of Numerical Analysis Modeling*, Vol. 15, No. 3, pp.340-352 (2018) ISSN 1705-5105(print) (<http://www.global-sci.org/ijnam/>)
- 29 **LI,Buyang**, ZHANG, Jiwei and ZHENG, Chunxiong, "An Efficient Second-Order Finite Difference Method for the One-Dimensional Schrödinger Equation with Absorbing Boundary Conditions". *SIAM Journal on Numerical Analysis*, Vol. 56, No. 2, pp.766-791 (Jan 2018) ISSN 0036-1429(print), 1095-7170(electronic) (<https://epubs.siam.org/doi/10.1137/17M1122347>)
- 30 JIN,Bangti, **LI,Buyang** and **ZHOU,Zhi**, "An analysis of the Crank–Nicolson method for subdiffusion". *IMA Journal of Numerical Analysis*, Vol. 38, No. 1, pp.518-541 (Jan 2018) ISSN 0272-4979(print), 1464-3642(electronic) (<https://academic.oup.com/imajna/article/38/1/518/3782812>)
- 31 TANG,Xiujuan, ZHAO,Shi#, CHIU,Pui Ying Alice, WANG,Xin, YANG,Lin and **HE,Daihai**, "Analysing increasing trends of Guillain-Barré Syndrome (GBS) and dengue cases in Hong Kong using meteorological data". *PLOS ONE*, Vol. 12, No. 12, pp.187830-187830 (Dec 2017) ISSN 1932-6203(electronic) (<http://dx.plos.org/10.1371/journal.pone.0187830>)
- 32 LIU,Kaihui#, **LOU,YIJUN** and WU,Jianhong, "Analysis of an age structured model for tick populations subject to seasonal effects". *Journal of Differential Equations*, Vol. 263, No. 4, pp.2078-2112 (Aug 2017) ISSN 0022-0396(print), 1090-2732(electronic) (<http://linkinghub.elsevier.com/retrieve/pii/S0022039617301791>)
- 33 CHIU,Pui Ying Alice, LIN,Qianying#, TANG,Edwin Yiu Nam and **HE,Daihai**, "Anti-phase synchronization of influenza A/H1N1 and A/H3N2 in Hong Kong and countries in the North Temperate Zone". *International Journal of Infectious Diseases*, Vol. 66, pp.42-44 (Jan 2018) ISSN 12019712(print) (<http://linkinghub.elsevier.com/retrieve/pii/S1201971217302886>)

- 34 CHEN,An, DU,Qiang, LI,Changpin and **ZHOU,Zhi**,"Asymptotically compatible schemes for space-time nonlocal diffusion equations". *Chaos, Solitons and Fractals*, Vol. 102, pp.361-371 (Sep 2017) ISSN 09600779(print), 18732887(electronic) (<https://www.sciencedirect.com/science/article/pii/S0960077917301236>)
- 35 DENG,Weihua, **LI,Buyang**, TIAN,Wenyi and ZHANG,Pingwen,"Boundary Problems for the Fractional and Tempered Fractional Operators". *SIAM Journal on Multiscale Modeling and Simulation*, Vol. 16, No. 1, pp.125-149 (Jan 2018) ISSN 1540-3459(print), 1540-3467(electronic) (<https://epubs.siam.org/doi/10.1137/17M1116222>)
- 36 JIN,Hai-Yang, KIM,Yong-Jung and **WANG,ZHI-AN**,"Boundedness, Stabilization, and Pattern Formation Driven by Density-Suppressed Motility". *SIAM Journal on Applied Mathematics*, Vol. 78, No. 3, pp.1632-1657 (Jan 2018) ISSN 0036-1399(print), 1095-712X(electronic) (<https://epubs.siam.org/doi/10.1137/17M1144647>)
- 37 **HUANG,JIANHUI**, **LI,XUN** and WANG,Tianxiao,"Characterizations of closed-loop equilibrium solutions for dynamic mean-variance optimization problems". *Systems & Control Letters*, Vol. 110, pp.15-20 (Dec 2017) ISSN 01676911(print) (<http://linkinghub.elsevier.com/retrieve/pii/S0167691117301792>)
- 38 GOUGH,John E. and **ZHANG,GUOFENG**,"Classical and Quantum Stochastic Models of Resistive and Memristive Circuits". *Journal of Mathematical Physics*, Vol. 58, No. 7, pp.73505 (Jul 2017) ISSN 0022-2488(print), 1089-7658(electronic) (<http://aip.scitation.org/doi/10.1063/1.4995392>)
- 39 LIN,Bingqing, **PANG,Zhen** and WANG,Qihua,"Cluster feature selection in high-dimensional linear models". *Random Matrices: Theory and Applications*, Vol. 07, No. 01, pp.1750015 (Jan 2018) ISSN 2010-3263(print), 2010-3271(electronic) (<http://www.worldscientific.com/doi/abs/10.1142/S2010326317500150>)
- 40 CHEN,Haibin#, **QI,Liqun** and SONG,Yisheng#,"Column sufficient tensors and tensor complementarity problems". *Frontiers of Mathematics in China*, Vol. 13, No. 2, pp.255-276 (Apr 2018) ISSN 1673-3452(print), 1673-3576(electronic) (<http://link.springer.com/10.1007/s11464-018-0681-4>)
- 41 MAK,Man Kwong, **LEUNG,Chun Sing** and HARKO,Tiberiu,"Computation of the General Relativistic Perihelion Precession and of Light Deflection via the Laplace-Adomian Decomposition Method". *Advances in High Energy Physics*, Vol. 2018, pp.1-15 (Jun 2018) ISSN 16877357(print) (<https://www.hindawi.com/journals/ahep/2018/7093592/>)
- 42 CHANG,Jingya#, DING,Weiyang, **QI,Liqun** and YAN,Hong,"Computing the p-Spectral Radii of Uniform Hypergraphs with Applications". *Journal of Scientific Computing*, Vol. 75, No. 1, pp.1-25 (Apr 2018) ISSN 0885-7474(print), 1573-7691(electronic) (<http://link.springer.com/10.1007/s10915-017-0520-x>)

- 43 **LI,Buyang**, "Convergence of a decoupled mixed FEM for the dynamic Ginzburg–Landau equations in nonsmooth domains with incompatible initial data". *Calcolo*, Vol. 54, No. 4, pp.1441-1480 (Dec 2017) ISSN 0008-0624(print), 1126-5434(electronic) (<http://link.springer.com/10.1007/s10092-017-0237-0>)
- 44 XU,Xinsheng, **CHAN,C.K.** and LANGEVIN,Andre, "Coping with risk management and fill rate in the loss-averse newsvendor model". *International Journal of Production Economics*, Vol. 195, pp.296-310 (Jan 2018) ISSN 0925-5273(print) (<https://www.sciencedirect.com/science/article/pii/S0925527317303390>)
- 45 CHEN,Haibin#, HUANG,Zheng-Hai and **QI,Liqun**, "Copositive tensor detection and its applications in physics and hypergraphs". *Computational Optimization and Applications*, Vol. 69, No. 1, pp.133-158 (Jan 2018) ISSN 0926-6003(print), 1573-2894(electronic) (<http://link.springer.com/10.1007/s10589-017-9938-1>)
- 46 CHEN,Haibin#, HUANG,Zhenghai and **QI,Liqun**, "Copositivity Detection of Tensors: Theory and Algorithm". *Journal of Optimization Theory and Applications*, Vol. 174, No. 3, pp.746-761 (Sep 2017) ISSN 0022-3239(print)
- 47 JIN,BANGTI, **LI,Buyang** and **ZHOU,Zhi**, "Correction of High-Order BDF Convolution Quadrature for Fractional Evolution Equations". *SIAM Journal on Scientific Computing*, Vol. 39, No. 6, pp.3129-3152 (Dec 2017) ISSN 1064-8275(print), 1095-7197(electronic) (<http://epubs.siam.org/doi/10.1137/17M1118816>)
- 48 NI,Yuan-Hua, **YIU,Ka Fai Cedric**, ZHANG,Huanshui and ZHANG, Ji-Feng, "Delayed Optimal Control of Stochastic LQ Problem". *SIAM Journal on Control and Optimization*, Vol. 55, No. 5, pp.3370-3407 (2017) ISSN 0363-0129(print), 1095-7138(electronic) (<http://epubs.siam.org/doi/10.1137/16M1100897>)
- 49 JIN,Bangti, **LI,Buyang** and **ZHOU,Zhi**, "Discrete maximal regularity of time-stepping schemes for fractional evolution equations". *Numerische Mathematik*, Vol. 138, No. 1, pp.101-131 (Jan 2018) ISSN 0029-599X(print), 0945-3245(electronic) (<http://link.springer.com/10.1007/s00211-017-0904-8>)
- 50 LIN,Shao-Bo, **GUO,Xin** and ZHOU,Ding-Xuan, "Distributed Learning with Regularized Least Squares". *Journal of Machine Learning Research*, Vol. 18, pp.1-31 (Sep 2017) ISSN 1532-4435(print), 1533-7928(electronic) (<http://jmlr.org/papers/volume18/15-586/15-586.pdf>)
- 51 YU,Duo, LIN,Qianying#, CHIU,Pui Ying Alice and **HE,Daihai**, "Effects of reactive social distancing on the 1918 influenza pandemic". *PLOS ONE*, Vol. 12, No. 7, pp.180545 (Jul 2017) ISSN 1932-6203(electronic) (<http://dx.plos.org/10.1371/journal.pone.0180545>)
- 52 HU,Bao Qing, **WONG,Heung** and **YIU,Ka Fai Cedric**, "Equivalent Structures of Interval Sets and Fuzzy Interval Sets". *International Journal of Intelligent Systems*, Vol. 33, No. 1, pp.68-92 (Jan 2018) ISSN 08848173(print), 1098-111X(electronic) (<http://doi.wiley.com/10.1002/int.21940>)

- 53 MA,Chupeng, CAO,Liqun and **LIN,YANPING**,"Error estimates of Crank–Nicolson Galerkin method for the time-dependent Maxwell–Schrödinger equations under the Lorentz gauge". *Ima Journal Of Numerical Analysis*, pp.1-31 (Oct 2017) ISSN 0272-4979(print), 1464-3642(electronic) (<https://academic.oup.com/imajna/advance-article/doi/10.1093/imanum/drx060/4321721>)
- 54 LAM,Xin Yee, MARRON,J. S., **SUN,Defeng** and TOH,Kim-Chuan,"Fast Algorithms for Large-Scale Generalized Distance Weighted Discrimination". *Journal of Computational and Graphical Statistics*, Vol. 27, No. 2, pp.368-379 (May 2018) ISSN 1061-8600(print), 1537-2715(electronic) (<https://www.tandfonline.com/doi/full/10.1080/10618600.2017.1366915>)
- 55 LIU,Tianxiang and **PONG,Ting Kei**,"Further properties of the forward–backward envelope with applications to difference-of-convex programming". *Computational Optimization and Applications*, Vol. 67, No. 3, pp.489-520 (Jul 2017) ISSN 0926-6003(print), 1573-2894(electronic) (<http://link.springer.com/10.1007/s10589-017-9900-2>)
- 56 LU,Zhaosong and **CHEN,XIAOJUN**,"Generalized Conjugate Gradient Methods for ℓ_1 Regularized Convex Quadratic Programming with Finite Convergence". *Mathematics of Operations Research*, Vol. 43, No. 1, pp.275-303 (Feb 2018) ISSN 0364-765X(print), 1526-5471(electronic) (<https://pubsonline.informs.org/doi/pdf/10.1287/moor.2017.0865>)
- 57 WANG,Yong, HUANG,Zheng-Hai and **QI,Liqun**,"Global Uniqueness and Solvability of Tensor Variational Inequalities". *Journal of Optimization Theory and Applications*, Vol. 177, No. 1, pp.137-152 (Apr 2018) ISSN 0022-3239(print), 1573-2878(electronic) (<http://link.springer.com/10.1007/s10957-018-1233-5>)
- 58 **LI,Buyang** and YANG,Chaoxia,"Global well-posedness of the time-dependent Ginzburg–Landau superconductivity model in curved polyhedra". *Journal of Mathematical Analysis and Applications*, Vol. 451, No. 1, pp.102-116 (Jul 2017) ISSN 0022247X(print) (<http://linkinghub.elsevier.com/retrieve/pii/S0022247X17301464>)
- 59 YANG,Shu, CHIU,Pui Ying Alice, LIN,Qianying#, ZENG,Ziqian, LI,Yafei, ZHANG,Yao, YANG,Zhengrong, YANG,Lin and **HE,Daihai**,"HIV epidemics in Shenzhen and Chongqing, China". *PLOS ONE*, Vol. 13, No. 2, pp.192849-192849 (Feb 2018) ISSN 1932-6203(electronic) (<http://dx.plos.org/10.1371/journal.pone.0192849>)
- 60 **QI,LIQUN, ZHANG,GUOFENG** and NI,Guyan,"How entangled can a multi-party system possibly be?". *Physics Letters A*, Vol. 382, No. 22, pp.1465-1471 (Jun 2018) ISSN 03759601(print) (<http://linkinghub.elsevier.com/retrieve/pii/S0375960118303621>)
- 61 LING,Chen#, HE,Hongjin and **QI,Liqun**,"Improved approximation results on standard quartic polynomial optimization". *Optimization Letters*, Vol. 11, No. 8, pp.1767-1782 (Dec 2017) ISSN 1862-4472(print), 1862-4480(electronic) (<http://link.springer.com/10.1007/s11590-016-1094-5>)

- 62 SHEN,Lijuan, SUN,Dayu#, YE,Zhisheng and **ZHAO,Xingqiu**,"Inference on an Adaptive Accelerated Life Test with Application to Smart Grid Data-Acquisition-Devices". Journal of Quality Technology, Vol. 49, No. 3, pp.191-212 (Jul 2017) ISSN 0022-4065(print), 2575-6230(electronic) (<https://www.tandfonline.com/doi/abs/10.1080/00224065.2017.11917990>)
- 63 SONG,Yisheng# and **QL,L.Q.**,"Infinite dimensional Hilbert tensors on spaces of analytic functions". Communications in Mathematical Sciences, Vol. 15, pp.1897-1911 (2017) ISSN 1539-6746(print)
- 64 HAN,Deren, **SUN,Defeng** and ZHANG,Liwei,"Linear Rate Convergence of the Alternating Direction Method of Multipliers for Convex Composite Programming". Mathematics of Operations Research, Vol. 43, No. 2, pp.622-637 (Dec 2017) ISSN 0364-765X(print), 1526-5471(electronic) (<http://pubsonline.informs.org/doi/10.1287/moor.2017.0875>)
- 65 ZHANG,Huili#, LIN,Tao and **LIN,YANPING**,"Linear and quadratic immersed finite element methods for the multi-layer porous wall model for Coronary drug-eluting stents". International journal of numerical analysis and modeling, Vol. 15, No. 1-2, pp.48-73 (Feb 2018) ISSN 1705-5105(print) (<http://www.global-sci.org/ijnam/>)
- 66 HU,Ying, **HUANG,JIANHUI** and **LI,XUN**,"Linear quadratic mean field game with control input constraint". ESAIM: Control, Optimisation and Calculus of Variations, Vol. 24, No. 2, pp.901-919 (Jun 2018) ISSN 1292-8119(print), 1262-3377(electronic) (<https://doi.org/10.1051/cocv/2017038>)
- 67 AKRIVIS,Georgios and **LI,Buyang**,"Maximum norm analysis of implicit–explicit backward difference formulae for nonlinear parabolic equations". IMA Journal of Numerical Analysis, Vol. 38, No. 1, pp.75-101 (Jan 2018) ISSN 0272-4979(print), 1464-3642(electronic) (<https://academic.oup.com/imajna/article/38/1/75/3077045>)
- 68 ZHAO,Shi#, LIN,Qianying#, **HE,Daihui** and STONE,Lewi,"Meningitis epidemics shift in sub-Saharan belt". International Journal of Infectious Diseases, Vol. 68, pp.79-82 (Mar 2018) ISSN 12019712(print) (<http://linkinghub.elsevier.com/retrieve/pii/S1201971218300213>)
- 69 CHEN,Piao, YE,Zhisheng and **ZHAO,Xingqiu**,"Minimum Distance Estimation for the Generalized Pareto Distribution". Technometrics, Vol. 59, No. 4, pp.528-541 (Nov 2017) ISSN 0040-1706(print), 1537-2723(electronic)
- 70 CUI,Lei#, DONG,Zhiyuan#, **ZHANG,GUOFENG** and **LEE,Heung Wing Joseph**,"Mixed LQG and H_∞ coherent feedback control for linear quantum systems". International Journal of Control, Vol. 90, No. 12, pp.2575-2588 (Dec 2017) ISSN 0020-7179(print), 1366-5820(electronic) (<https://www.tandfonline.com/doi/full/10.1080/00207179.2016.1260162>)
- 71 **LOU,YIJUN**, LIU,Li and GAO,Daozhou,"Modeling co-infection of Ixodes tick-borne pathogens". Mathematical Biosciences and Engineering, Vol. 14, No. 5-6, pp.1301-1316 (Oct 2017) ISSN 1551-0018(print), 1547-1063(electronic) (<http://www.aims sciences.org/journals/displayArticlesnew.jsp?paperID=14162>)

- 72 LIN,Qianying#, CHIU,Pui Ying Alice, ZHAO,Shi# and **HE,Daihai**,"Modeling the spread of Middle East respiratory syndrome coronavirus in Saudi Arabia". *Statistical Methods in Medical Research*, Vol. 27, No. 7, pp.1968-1978 (May 2018) ISSN 0962-2802(print), 1477-0334(electronic) (<http://journals.sagepub.com/doi/10.1177/0962280217746442>)
- 73 ZHAO,Shi#, STONE,Lewi, GAO,Daozhou and **HE,Daihai**,"Modelling the large-scale yellow fever outbreak in Luanda, Angola, and the impact of vaccination". *PLOS Neglected Tropical Diseases*, Vol. 12, No. 1, pp.6158 (Jan 2018) ISSN 1935-2727(print), 1935-2735(electronic) (<http://dx.plos.org/10.1371/journal.pntd.0006158>)
- 74 GAO,Fuqing, XIONG,Jie and **ZHAO,Xingqiu**,"Moderate deviations and nonparametric inference for monotone functions". *The Annals of Statistics*, Vol. 46, No. 3, pp.1225-1254 (Jun 2018) ISSN 0090-5364(print), 2168-8966(electronic) (http://www.imstat.org/publications/aos/aos_46_3/aos_46_3.pdf)
- 75 WANG,Qun#, LI,Guoyin, **QL,Liqun** and XU,Yi#,"New classes of positive semi-definite Hankel tensors". *Minimax Theory and Its Applications*, Vol. 2, No. 2, pp.231-248 (2017) ISSN 2199-1413(print), 2199-1421(electronic)
- 76 CHIU,Pui Ying Alice, LIN,Qianying# and **HE,Daihai**,"News trends and web search query of HIV/AIDS in Hong Kong". *PLOS ONE*, Vol. 12, No. 9, pp.185004 (Sep 2017) ISSN 1932-6203(electronic) (<http://dx.plos.org/10.1371/journal.pone.0185004>)
- 77 JIN,Bangti, **LI,Buyang** and **ZHOU,Zhi**,"Numerical Analysis of Nonlinear Subdiffusion Equations". *SIAM Journal on Numerical Analysis*, Vol. 56, No. 1, pp.1-23 (Jan 2018) ISSN 0036-1429(print), 1095-7170(electronic) (<http://epubs.siam.org/doi/10.1137/16M1089320>)
- 78 CHEN,Yannan, **QL,Liqun** and VIRGA,Epifanio G,"Octupolar tensors for liquid crystals". *Journal of Physics A: Mathematical and Theoretical*, Vol. 51, No. 2, pp.25206 (Jan 2018) ISSN 1751-8113(print), 1751-8121(electronic) (<http://stacks.iop.org/1751-8121/51/i=2/a=025206?key=crossref.ffdd2e9d23e5120614abe0c3bd254c1c>)
- 79 LI,Xudong, **SUN,Defeng** and TOH,Kim-Chuan,"On Efficiently Solving the Subproblems of a Level-Set Method for Fused Lasso Problems". *SIAM Journal on Optimization*, Vol. 28, No. 2, pp.1842-1866 (Jun 2018) ISSN 1052-6234(print), 1095-7189(electronic) (<https://epubs.siam.org/doi/10.1137/17M1136390>)
- 80 GUNZBURGER,Max, HE,Xiaoming and **LI,Buyang**,"On Stokes--Ritz Projection and Multistep Backward Differentiation Schemes in Decoupling the Stokes--Darcy Model". *SIAM Journal on Numerical Analysis*, Vol. 56, No. 1, pp.397-427 (Jan 2018) ISSN 0036-1429(print), 1095-7170(electronic) (<http://epubs.siam.org/doi/10.1137/16M1099601>)
- 81 LI,Zhibao, **YIU,Ka Fai Cedric** and DAI,Yu-Hong,"On sparse beamformer design with reverberation". *Applied Mathematical Modelling*, Vol. 58, pp.98-110 (Jun 2018) ISSN 0307904X(print), 1872-8480(electronic) (<https://linkinghub.elsevier.com/retrieve/pii/S0307904X17306522>)

- 82 BAYRAKTAR, Erhan and **YU, Xiang**, "On the market viability under proportional transaction costs". *Mathematical Finance*, Vol. 28, No. 3, pp.800-838 (Aug 2017) ISSN 09601627(print), 14679965(electronic) (<http://doi.wiley.com/10.1111/mafi.12155>)
- 83 **JIANG, Binyan**, LI, Jialiang and FINE, Jason, "On two-step residual inclusion estimator for instrument variable additive hazards model". *Biostatistics & Epidemiology*, Vol. 2, No. 1, pp.47-60 (Jan 2018) ISSN 2470-9360(print), 2470-9379(electronic) (<https://www.tandfonline.com/doi/full/10.1080/24709360.2017.1406567>)
- 84 LIU, Jingzhen, **YIU, Ka Fai Cedric** and BENSOUSSAN, Alain, "Optimal Inventory Control with Jump Diffusion and Nonlinear Dynamics in the Demand". *SIAM Journal on Control and Optimization*, Vol. 56, No. 1, pp.53-74 (Jan 2018) ISSN 0363-0129(print), 1095-7138(electronic) (<http://epubs.siam.org/doi/10.1137/16M1091885>)
- 85 YAO, Haixiang, LI, Zhongfei, **LI, XUN** and ZENG, Yan, "Optimal Sharpe ratio in continuous-time markets with and without a risk-free asset". *Journal of industrial and management optimization*, Vol. 13, No. 3, pp.1273-1290 (Jul 2017) ISSN 1547-5816(print), 1553-166X(electronic) (<http://www.aims sciences.org/journals/displayArticlesnew.jsp?paperID=13113>)
- 86 LI, Yongwu and **XU, ZUO QUAN**, "Optimal insurance design with a bonus". *Insurance: Mathematics and Economics*, Vol. 77, pp.111-118 (Nov 2017) ISSN 01676687(print) (<http://linkinghub.elsevier.com/retrieve/pii/S0167668717301178>)
- 87 **LI, XUN**, WU, Xianping and ZHOU, Wenxin#, "Optimal stopping investment in a logarithmic utility-based portfolio selection problem". *Financial Innovation*, Vol. 3, No. 1, pp.1-10 (Dec 2017) ISSN 2199-4730(print), 2199-4730(electronic) (<https://jfin-swufe.springeropen.com/articles/10.1186/s40854-017-0080-y>)
- 88 BIAN, Wei and **CHEN, XIAOJUN**, "Optimality and Complexity for Constrained Optimization Problems with Nonconvex Regularization". *Mathematics of Operations Research*, Vol. 42, No. 4, pp.1063-1084 (Nov 2017) ISSN 0364-765X(print), 1526-5471(electronic) (<https://pubsonline.informs.org/doi/10.1287/moor.2016.0837>)
- 89 CHIU, Pui Ying Alice, DUSHOFF, Jonathan, YU, Duo and **HE, Daihai**, "Patterns of influenza vaccination coverage in the United States from 2009 to 2015". *International Journal of Infectious Diseases*, Vol. 65, pp.122-127 (Dec 2017) ISSN 12019712(print) (<http://linkinghub.elsevier.com/retrieve/pii/S1201971217302606>)
- 90 LI, Guoyin, LIU, Tianxiang and **PONG, Ting Kei**, "Peaceman–Rachford splitting for a class of nonconvex optimization problems". *Computational Optimization and Applications*, Vol. 68, No. 2, pp.407-436 (Nov 2017) ISSN 0926-6003(print), 1573-2894(electronic) (<http://link.springer.com/10.1007/s10589-017-9915-8>)

- 91 TSUI,Nancy B. Y., CHENG, Gregory, CHUNG, Teresa, LAM, Christopher W. K., YEE, Anita, CHUNG, Peter K. C., KWAN, Tsz-Ki, KO, Elaine, **HE, Daihai**, WONG, Wing-Tak, LAU, Johnson Y. N., LAU, Lok Ting and FOK, Manson, "Population-Wide Genetic Risk Prediction of Complex Diseases: A Pilot Feasibility Study in Macau Population for Precision Public Healthcare Planning". *Scientific Reports*, Vol. 8, No. 1, pp.1853 (Jan 2018) ISSN 2045-2322(electronic) (<http://www.nature.com/articles/s41598-017-19017-y>)
- 92 ZHANG, Kai# and **YANG, Xiaoqi**, "Pricing European options on zero-coupon bonds with a fitted finite volume method". *International Journal of Numerical Analysis and Modeling*, Vol. 14, No. 3, pp.405-418 (2017) ISSN 1705-5105(print) (<http://www.math.ualberta.ca/ijnam/Volume-14-2017/No-3-17/2017-03-05.pdf>)
- 93 CUI, Jianlian, LI, Chi-Kwong and **SZE, NUNG-SING**, "Products of positive semi-definite matrices". *Linear Algebra and its Applications*, Vol. 528, pp.17-24 (Sep 2017) ISSN 00243795(print), 1873-1856(electronic) (<http://linkinghub.elsevier.com/retrieve/pii/S0024379515005728>)
- 94 SONG, Yisheng# and **QI, Liqun**, "Property of tensor complementarity problem and some classes of structured tensors". *Annals of Applied Mathematics*, No. 3, pp.308-323 (2017) ISSN 2096-0174(print)
- 95 CHE, Maolin, LI, Guoyin, **QI, Liqun** and WEI, Yimin, "Pseudo-spectra theory of tensors and tensor polynomial eigenvalue problems". *Linear Algebra and Its Applications*, Vol. 533, pp.536-572 (Nov 2017) ISSN 0024-3795(print), 1873-1856(electronic) (<https://www.sciencedirect.com/science/article/pii/S0024379517304469>)
- 96 CHIU, Chun-Hung, HOU, Shui-Hung, **LI, XUN** and LIU, Wei#, "Real options approach for fashionable and perishable products using stock loan with regime switching". *Annals of Operations Research*, Vol. 257, No. 1-2, pp.357-377 (Oct 2017) ISSN 0254-5330(print), 1572-9338(electronic) (<http://link.springer.com/10.1007/s10479-015-1887-4>)
- 97 WONG, Eugene, **TAI, Allen H.**, WEI, Yan and YIP, Iris, "Redesigning one-warehouse n - retailer routing model in inter-store stock transfer operations of an international retail chain distribution". *Asia Pacific Journal of Marketing and Logistics*, Vol. 30, No. 3, pp.536-554 (Jun 2018) ISSN 1355-5855(print) (<https://www.emeraldinsight.com/doi/10.1108/APJML-06-2017-0124>)
- 98 **HUANG, JIANHUI** and HUANG, Minyi, "Robust Mean Field Linear-Quadratic-Gaussian Games with Unknown L2-Disturbance". *SIAM Journal on Control and Optimization*, Vol. 55, No. 5, pp.2811-2840 (2017) ISSN 0363-0129(print), 1095-7138(electronic) (<https://epubs.siam.org/doi/abs/10.1137/15M1014437>)
- 99 SUN, Hailin, SU, Che-Lin and **CHEN, XIAOJUN**, "SAA-regularized methods for multiproduct price optimization under the pure characteristics demand model". *Mathematical Programming*, Vol. 165, No. 1, pp.361-389 (Sep 2017) ISSN 0025-5610(print), 1436-4646(electronic) (<https://link.springer.com/article/10.1007/s10107-017-1119-6>)

- 100 WANG,Hong#, LIU,Xin, **CHEN,XIAOJUN** and YUAN,Ya-xiang,"SNIG Property of Matrix Low-Rank Factorization Model". *Journal of Computational Mathematics*, Vol. 36, No. 3, pp.374-390 (Mar 2018) ISSN 0254-9409(print), 1991-7139(electronic) (<http://www.global-sci.org/jcm/>)
- 101 **JIANG,Binyan** and LI,Jialiang,"Sample size determination for high dimensional parameter estimation with application to biomarker identification". *Computational Statistics & Data Analysis*, Vol. 118, pp.54-65 (Feb 2018) ISSN 01679473(print) (<http://linkinghub.elsevier.com/retrieve/pii/S0167947317301901>)
- 102 PAN,Yu and **ZHANG,GUOFENG**,"Scattering of few photons by a ladder-type quantum system". *Journal of Physics A: Mathematical and Theoretical*, Vol. 50, No. 34, pp.345301 (Jul 2017) ISSN 1751-8113(print), 1751-8121(electronic) (<http://stacks.iop.org/1751-8121/50/i=34/a=345301?key=crossref.b8b8846a9637f9a3aab241a4b62b533d>)
- 103 HE,Xin, FENG,Xuenan#, TONG,Xingwei and **ZHAO,Xingqiu**,"Semiparametric partially linear varying coefficient models with panel count data". *Lifetime Data Analysis*, Vol. 23, No. 3, pp.439-466 (Jul 2017) ISSN 1380-7870(print), 1572-9249(electronic) (<https://link.springer.com/article/10.1007/s10985-016-9368-x>)
- 104 **ZHAO,Xingqiu**, WU,Yuanshan and YIN,Guosheng,"Sieve maximum likelihood estimation for a general class of accelerated hazards models with bundled parameters". *Bernoulli*, Vol. 23, No. 4B, pp.3385-3411 (Nov 2017) ISSN 1350-7265(print) (<https://projecteuclid.org/euclid.bj/1495505096>)
- 105 DONG,Zhiyuan#, **ZHANG,GUOFENG** and AMINI,Nina H.,"Single-photon quantum filtering with multiple measurements". *International Journal of Adaptive Control and Signal Processing*, Vol. 32, No. 3, pp.528-546 (Feb 2018) ISSN 08906327(print) (<http://doi.wiley.com/10.1002/acs.2859>)
- 106 ZHANG,Xiaoyue, CHAN,Man Ho, HARKO,Tiberiu and **LEUNG,Chun Sing**,"Slowly rotating Bose Einstein condensate galactic dark matter halos, and their rotation curves". *The European Physical Journal C*, Vol. 78, No. 4, pp.275-350 (Apr 2018) ISSN 1434-6044(print), 1434-6052(electronic) (<https://link.springer.com/article/10.1140/epjc/s10052-018-5835-8>)
- 107 YUAN,Xiying, **QI,Liqun**, SHAO, Jiayu and OUYANG,Chen#,"Some properties and applications of odd-colorable -hypergraphs". *Discrete Applied Mathematics*, Vol. 236, pp.446-452 (Feb 2018) ISSN 0166218X(print), 1872-6771(electronic) (<https://linkinghub.elsevier.com/retrieve/pii/S0166218X17304638>)
- 108 DUAN ,Beiping , JIN,Bangti, LAZAROV,Raytcho, PASCIAK,Joseph and **ZHOU,Zhi**,"Space-Time Petrov-Galerkin FEM for Fractional Diffusion Problems". *Computational Methods in Applied Mathematics*, Vol. 18, No. 1, pp.1-20 (Jan 2018) ISSN 16094840(print) (<https://www.degruyter.com/view/j/cmam.ahead-of-print/cmam-2017-0026/cmam-2017-0026.xml?format=INT>)

- 109 PENG,Qiujin, **QIAO,ZHONGHUA** and SUN,Shuyu,"Stability and Convergence Analysis of Second-Order Schemes for a Diffuse Interface Model with Peng-Robinson Equation of State". *Journal of Computational Mathematics*, Vol. 35, No. 6, pp.737-765 (Sep 2017) ISSN 0254-9409(print)
- 110 HOU,Qianqian#, LIU,Cheng-Jie, WANG,Ya-Guang and **WANG,ZHI-AN**,"Stability of Boundary Layers for a Viscous Hyperbolic System Arising from Chemotaxis: One-Dimensional Case". *SIAM Journal on Mathematical Analysis*, Vol. 50, No. 3, pp.3058-3091 (Jan 2018) ISSN 0036-1410(print), 1095-7154(electronic) (<https://epubs.siam.org/doi/10.1137/17M112748X>)
- 111 DU,Qiang, JU,Lili, LI,Xiao and **QIAO,ZHONGHUA**,"Stabilized linear semi-implicit schemes for the nonlocal Cahn–Hilliard equation". *Journal of Computational Physics*, Vol. 363, pp.39-54 (Jun 2018) ISSN 0021-9991(print) (<https://www.sciencedirect.com/science/article/pii/S0021999118301050>)
- 112 LIN,Bingqing, WANG,Qihua, ZHANG,Jun and **PANG,Zhen**,"Stable prediction in high-dimensional linear models". *Statistics and Computing*, Vol. 27, No. 5, pp.1401-1412 (Sep 2017) ISSN 0960-3174(print), 1573-1375(electronic) (<http://link.springer.com/10.1007/s11222-016-9694-6>)
- 113 YAN,Ting, **JIANG,Binyan**, FIENBERG,Stephen E. and LENG,Chenlei,"Statistical Inference in a Directed Network Model with Covariates". *Journal of the American Statistical Association*, pp.1-33 (Mar 2018) ISSN 0162-1459(print), 1537-274X(electronic) (<https://www.tandfonline.com/doi/full/10.1080/01621459.2018.1448829>)
- 114 SONG,Yisheng# and **QI,Liqun**,"Strictly semi-positive tensors and the boundedness of tensor complementarity problems". *Optimization Letters*, Vol. 11, No. 7, pp.1407-1426 (Oct 2017) ISSN 1862-4472(print), 1862-4480(electronic) (<https://link.springer.com/article/10.1007/s11590-016-1104-7>)
- 115 FRIEDLAND,Shmuel, **QI,Liqun**, WEI,Yimin and YANG,Qingzhi,"Tensors and Hypergraphs". *Frontiers of Mathematics in China*, Vol. 12, No. 6, pp.1277-1277 (Dec 2017) ISSN 1673-3452(print), 1673-3576(electronic) (<https://link.springer.com/article/10.1007/s11464-017-0669-5>)
- 116 CHEN,Yannan, **QI,Liqun** and ZHANG,Xiaoyan,"The Fiedler vector of a Laplacian tensor for hypergraph partitioning". *SIAM Journal on Scientific Computing*, Vol. 39 A, No. 6, pp.2508-2537 (2017) ISSN 1064-8275(print), 1095-7197(electronic) (<https://epubs.siam.org/doi/abs/10.1137/16M1094828>)
- 117 **ZHANG,GUOFENG**, GRIVOPOULOS,Symeon, PETERSEN,Ian R. and GOUGH,John E.,"The Kalman Decomposition for Linear Quantum Systems". *IEEE Transactions on Automatic Control*, Vol. 63, No. 2, pp.331-346 (Feb 2018) ISSN 0018-9286(print), 1558-2523(electronic) (<http://ieeexplore.ieee.org/document/7942122/>)

- 118 OUYANG,Chen#, **QI,Liqun** and YUAN,Xiying,"The first few unicyclic and bicyclic hypergraphs with largest spectral radii". *Linear Algebra and Its Applications*, Vol. 527, pp.141-162 (Aug 2017) ISSN 0024-3795(print), 1873-1856(electronic) (<https://www.sciencedirect.com/science/article/pii/S0024379517302331>)
- 119 CUI,Xiangyu, **LI,XUN**, LI,Duan and SHI,Yun,"Time consistent behavioral portfolio policy for dynamic mean–variance formulation". *Journal of the Operational Research Society*, Vol. 68, No. 12, pp.1647-1660 (Dec 2017) ISSN 0160-5682(print), 1476-9360(electronic) (<https://www.tandfonline.com/doi/full/10.1057/s41274-017-0179-6>)
- 120 **CHEN,XIAOJUN**, **PONG,Ting Kei** and WETS,Roger J-B.,"Two-stage stochastic variational inequalities: an ERM-solution procedure". *Mathematical Programming*, Vol. 165, No. 1, pp.71-111 (Sep 2017) ISSN 0025-5610(print), 1436-4646(electronic) (<http://link.springer.com/10.1007/s10107-017-1132-9>)
- 121 CUI,Jianlian, LI,Chi-Kwong and **SZE,NUNG-SING**,"Unitary similarity invariant function preservers of skew products of operators". *Journal of Mathematical Analysis and Applications*, Vol. 454, No. 2, pp.716-729 (Oct 2017) ISSN 0022247X(print), 1096-0813(electronic) (<http://linkinghub.elsevier.com/retrieve/pii/S0022247X17304353>)
- 122 TANG,Xiujuan, FANG,Shisong, CHIU,Alice Pui Ying, LIN,Qianying#, TANG,Edwin Yiu Nam, WANG,Xin and **HE,Daihai**,"Unsynchronized influenza epidemics in two neighboring subtropical cities". *International Journal of Infectious Diseases*, Vol. 69, pp.85-87 (Apr 2018) ISSN 12019712(print), 18783511(electronic) (<http://linkinghub.elsevier.com/retrieve/pii/S1201971218300559>)
- 123 QIAO,Yali, **ZHOU,Zhi**, CHEN,Zhixing, DU,Sichen, CHENG,Qian, ZHAI,Haowei, FRITZ,Nathan Joseph, DU,Qiang and YANG,Yuan,"Visualizing ion diffusion in battery systems by fluorescence microscopy: A case study on the dissolution of LiMn2O4". *Nano energy*, Vol. 45, pp.68-74 (Mar 2018) ISSN 2211-2855(print), 2211-3282(electronic) (<https://www.sciencedirect.com/science/article/pii/S221128551730811X>)
- 124 JING,Gangshan , **ZHANG,GUOFENG**, LEE,H.W.J. and WANG,Long,"Weak rigidity theory and its application to formation stabilization". *SIAM Journal on Control and Optimization*, Vol. 56, No. 3, pp.2248-2273 (Apr 2018) ISSN 03630129(print), 10957138(electronic)

Student (all levels) in the same Department and Cost Centre