

1) SCI 收录的第一作者和通讯作者的 110 篇论文, 按第一作者姓氏字母顺序排列:

1. **An, Jinpeng**; Beresnevich, Victor; Velani, Sanju, *Badly approximable points on planar curves and winning*, Advances in Mathematics, **324**, (2018), 148-202
2. **Ao, Yulong**; **Yang, Chao**; Liu, Fangfang; Yin, Wanwang; Jiang, Lijuan; Sun, Qiao, *Performance Optimization of the HPCG Benchmark on the Sunway TaihuLight Supercomputer*, ACM Transactions on Architecture and Code Optimization, **15**:1, (2018), 11
3. **Bai, Sheng**; Wang, Chao; **Wang, Jiajun**, *Counterexamples to the quadrisecant approximation conjecture*, Journal of Knot Theory and its Ramifications, **27**:2, (2018), 1850022, 16 pp.
4. Bai, Yang; **Wu, Lan**, *Analytic value function for optimal regime-switching pairs trading rules*, Quantitative Finance, **18**:4, (2018), 637-654
5. **Cai, Jinxing**; Liu, Wenfei, *Automorphisms of surfaces of general type with $q=1$ acting trivially in cohomology*, Annali Della Scuola Normale Superiore di Pisa. Classe di scienze, **18**:4, (2018), 1311-1348
6. Cai, Ying; **Ao, Yulong**; **Yang, Chao**; Ma, Wenjing; Zhao, Haitao, *Extreme-scale high-order WENO simulations of 3-D detonation wave with 10 million cores*, ACM Transactions on Architecture and Code Optimization, **15**:2, (2018), 26
7. **Chen, Dayue**; de Raphelis, Loic; Hu, Yueyun, *Favorite sites of randomly biased walks on a supercritical Galton-Watson tree*, Stochastic Processes and their Applications, **128**:5, (2018), 1525-1557
8. **Chen, Dayue**; Hu, Yueyun; Lin, Shen, *Resistance growth of branching random networks*, Electronic Journal of Probability, **23**, (2018), 52
9. Chen, Dongxiang; **Wang, Yuxi**; **Zhang, Zhifei**, *Well-posedness of the linearized Prandtl equation around a non-monotonic shear flow*, Annales de l'Institut Henri Poincaré. Analyse Non Lineaire, **35**:4, (2018), 1119-1142
10. Chen, Dongxiang; **Wang, Yuxi**; **Zhang, Zhifei**, *Well-posedness of the Prandtl equation with monotonicity in Sobolev spaces*, Journal of Differential Equations, **264**:9, (2018), 5870-5893
11. Chen, Jiajie; **Zhang, Pingwen**; **Zhang, Zhifei**, *Local minimizer and De Giorgi's type conjecture for the isotropic-nematic interface problem*, Calculus of Variations and Partial

Differential Equations, **57**:5, (2018), 129

12. **Chen, Jingshan**, *Normal Gorenstein stable log surfaces with $(K_X + \Lambda)^2 = p_g(X, \Lambda) - 1$* , Communications in Algebra, **46**:9, (2018), 4120-4130
13. **Chen, Jiyong**; Xia, Binzhou; Zhou, Jinxin, *An infinite family of cubic nonnormal Cayley graphs on nonabelian simple groups*, Discrete Mathematics, **341**:5, (2018), 1282-1293
14. Chen, Lei; Guo, Bin; Huang, Jiasheng; He, Jing; Wang, Hengfang; Zhang, Shuyi; **Chen, Song Xi**, *Assessing air-quality in Beijing-Tianjin-Hebei region: The method and mixed tales of $PM_{2.5}$ and O_3* , Atmospheric Environment, **193**, (2018), 290-301
15. Cheng, Minhua; **Li, Chengzhi**, *Periodic orbit of the pendulum with a small nonlinear damping*, The Journal of Applied Analysis and Computation, **8**:2, (2018), 649-654
16. **Cheng, Xue**; Wang, Tai-Ho, *Bessel bridge representation for heat kernel in hyperbolic space*, Proceedings of the American Mathematical Society, **146**:4, (2018), 1781-1792
17. **Ding, Fan**; Geiges, Hansjoerg; Zhang, Guangjian, *On subcritically Stein fillable 5-manifolds*, Canadian Mathematical Bulletin. Bulletin Canadien de Mathematiques, **61**:1, (2018), 85-96
18. **Ding, Fan**; Li, Youlin, *Strong symplectic fillability of contact torus bundles*, Geometriae Dedicata, **195**, (2018), 403-415
19. **Ding, Mengyao**, *Global boundedness in a fully parabolic quasilinear chemotaxis system with singular sensitivity*, Journal of Mathematical Analysis and Applications, **461**:2, (2018), 1260-1270
20. Ding, Qi; Zhang, Heping; **Zhou, Hui**, *Matching preclusion for n -grid graphs*, Discrete Applied Mathematics, **243**, (2018), 194-206
21. **Duan, Junming**; **Kuang, Yangyu**; **Tang, Huazhong**, *Model reduction of a two-dimensional kinetic swarming model by operator projections*, East Asian Journal on Applied Mathematics, **8**:1, (2018), 151-180
22. **Fan, Huijun**; Jarvis, Tyler J.; **Ruan, Yongbin**, *A mathematical theory of the gauged linear sigma model*, Geometry & Topology, **22**:1, (2018), 235-303
23. Fei, Mingwen; Tao, Tao; **Zhang, Zhifei**, *On the zero-viscosity limit of the Navier-Stokes equations in \mathbb{R}_+^3 without analyticity*, Journal de Mathematiques Pures et Appliquees, **112**:9, (2018), 170-229

24. **Feng, Renjie**; Xu, Xingcheng; Adler, Robert J., *Critical radius and supremum of random spherical harmonics (II)*, *Electronic Communications in Probability*, **23**, (2018), 50
25. **Feng, Rongquan**; Hua, Peice, *A new family of Geodesic transitive graphs*, *Discrete Mathematics*, **341**: 10, (2018), 2700-2707
26. **Feng, Zhicheng; Li, Zhenye**, *Endopermutation Scott modules, slash indecomposability and saturated fusion systems*, *Communications in Algebra*, **46**:8, (2018), 3608-3621
27. **Gan, Shaobo**; Yang, Dawei, *Morse-Smale systems and horseshoes for three dimensional singular flows*, *Annales Scientifiques de l'Ecole Normale Supérieure*, **51**:1, (2018), 39-112
28. **Guan, Qi'an**; Li, Zhenqian, *A characterization of regular points by Ohsawa-Takegoshi extension theorem*, *Journal of the Mathematical Society of Japan*, **70**:1, (2018), 403-408
29. **Guo, Nan**; Wang, Fang; **Yang, Jingping**, *Remarks on composite Bernstein copula and its application to credit risk analysis*, *Insurance Mathematics & Economics*, **77**, (2017), 38-48
30. **Guo, Xufeng**; Liao, Gang; **Sun, Wenxiang; Yang, Dawei**, *On the hybrid control of metric entropy for dominated splittings*, *Discrete and Continuous Dynamical Systems*, **38**:10, (2018), 5011-5019
31. **Guo, Zihua**; Oh, Tadahiro, *Non-existence of solutions for the periodic cubic NLS below L^2* , *International Mathematics Research Notices*, **6**, (2018), 1656-1729
32. **Hamid, Muhammad; Usman, Muhammad**; Zubair, Tamour; Ul Haq, Rizwan; **Wang, Wei**, *Shape effects of MoS_2 nanoparticles on rotating flow of nanofluid along a stretching surface with variable thermal conductivity: A Galerkin approach*, *International Journal of Heat and Mass Transfer*, **124**, (2018), 706-714
33. Han, Shiyu; **Wu, Lan**; Cheng, Yuan, *Equity market impact modeling: an empirical analysis for the Chinese market*, *Journal of Risk*, **20**:6, (2018), 75-97
34. **He, Yiqin**; Zhang, Bicheng, *The application of representation theory in directed strongly regular graphs*, *Journal of Combinatorial Theory. Series A*, **161**, (2019), 508-536
35. **Hu, Han**; Mansour, Toufik; **Song, Chunwei**, *On the maximal independence polynomial of certain graph configurations*, *Rocky Mountain Journal of Mathematics*, **47**:7, (2017), 2219-2253
36. **Hu, Jun; Ma, Limin**, *A penalized Crouzeix-Raviart element method for second order elliptic*

- eigenvalue problems*, Journal of Scientific Computing, **74**:3, (2018), 1457-1479
37. **Hu, Jun; Ma, Rui**, *Conforming mixed triangular prism elements for the linear elasticity problem*, International Journal of Numerical Analysis and Modeling, **15**:1-2, (2018), 228-242
 38. **Hu, Jun**; Yu, Guozhu, *A unified analysis of quasi-optimal convergence for adaptive mixed finite element methods*, SIAM Journal on Numerical Analysis, **56**:1, (2018), 296-316
 39. **Hu, Shengqing; Liu, Bin**, *Degenerate lower dimensional invariant tori in reversible system*, Discrete and Continuous Dynamical Systems, **38**:8, (2018), 3735-3763
 40. **Huang, He**; Xia, Binzhou; Zhou, Sanming, *Perfect codes in Cayley graphs*, SIAM Journal on Discrete Mathematics, **32**:1, (2018), 548-559
 41. Jiang, Wenshuai; Wang, Feng; **Zhu, Xiaohua**, *Bergman kernels for a sequence of almost Kahler-Ricci solitons*, Annales de l'Institut Fourier, **67**:3, (2017), 1279-1320
 42. Jin, Xiao; **Ge, Hao**, *Nonequilibrium steady state of biochemical cycle kinetics under non-isothermal conditions*, New Journal of Physics, **20**, (2018), 043030
 43. Kong, Liang; **Zheng, Hao**, *The center functor is fully faithful*, Advances in Mathematics, **339**, (2018), 749-779
 44. **Kong, Xiangshun; Ai, Mingyao**; Tsui, Kwok Leung, *Design for sequential follow-up experiments in computer emulations*, Technometrics, **60**:1, (2018), 61-69
 45. **Kong, Xiangshun; Ai, Mingyao**; Tsui, Kwok Leung, *Flexible sliced designs for computer experiments*, Annals of the Institute of Statistical Mathematics, **70**:3, (2018), 631-646
 46. Lang, Honglei; **Liu, Zhangju**, *Coadjoint orbits of Lie groupoids*, Journal of Geometry and Physics, **129**, (2018), 217-232
 47. **Li, Haochen**; Jiang, Chaolong; Lv, Zhongquan, *A Galerkin energy-preserving method for two dimensional nonlinear Schrödinger equation*, Applied Mathematics and Computation, **324**, (2018), 16-27
 48. Li, Kuijie; Ozawa, Tohru; **Wang, Baoxiang**, *Dynamical behavior for the solutions of the Navier-Stokes equation*, Communications on Pure and Applied Analysis, **17**:4, (2018), 1511-1560
 49. Li, Shuo; Dou, Xialiang; Gao, Ruiqi; Ge, Xinzhou; **Qian, Minping**; Wan, Lin, *A remark on copy number variation detection methods*, PloS one, **13**:4, (2018), 0196226
 50. **Li, Te; Zhang, Zhifei**, *Large time behaviour for the Fokker-Planck equation with general*

- potential*, Science China-Mathematics, **61**:1, (2018), 137-150
51. **Li, Wei; Jiang, Zhichao; Geng, Zhi; Zhou, Xiaohua**, *Identification of causal effects with latent confounding and classical additive errors in treatment*, Biometrical Journal, **60**:3, (2018), 498-515
 52. Li, Yan; **Zhou, Bin; Zhu, Xiaohua**, *K-energy on polarized compactifications of Lie groups*, Journal of Functional Analysis, **275**:5, (2018), 1023-1072
 53. **Li, Yanfang**; Lei, Jing, *Sparse subspace linear discriminant analysis*, Statistics, **52**:4, (2018), 782-800
 54. **Li, Zhong**; Li, Yezhou, *A note on Hamilton sequences of extremal Beltrami differentials*, Journal of Mathematical Analysis and Applications, **469**:2, (2018), 472-479
 55. **Lin, Zhiming**, *Surfaces with $\chi = 5$, $K^2 = 9$ and a canonical involution*, Communications in Algebra, **46**: 2, (2018), 810-828
 56. **Liu, Heping**; Zhang, An, *Restriction theorems on Metivier groups associated to joint functional calculus*, Chinese Annals of Mathematics-Series B, **39**:6, (2018), 1017-1032
 57. Liu, Molei; Hu, Ming; **Zhou, Xiaohua**, *Modeling individualized coefficient alpha to measure quality of test score data*, Statistics in Medicine, **37**:22, (2018), 3230-3243
 58. **Ma, Xiang**; Pedit, Franz; Wang, Peng, *Mobius homogeneous Willmore 2-spheres*, Bulletin of the London Mathematical Society, **50**:3, (2018), 509-512
 59. **Mao, Heng**; He, Jie; Zhang, Jiazhi; Bai, Yuanchao; Zhai, Muyue; **Li, Haiwen**; Wen, Xiang; Chen, Rui; Jia, Huizhu; Tao, Louis; **Jiang, Ming**, *High cost-efficient and computational gigapixel video camera based on commercial lenses and CMOS chips*, Applied Optics, **57**:29, (2018), 8519-8527
 60. **Miao, Qianyun**; Xue, Liutang, *On the Holder regularity of the weak solution to a drift-diffusion system with pressure*, Calculus of Variations and Partial Differential Equations, **57**:6, (2018), 153
 61. **Mu, Kedian**, *Measuring inconsistency with constraints for propositional knowledge bases*, Artificial Intelligence, **259**, (2018), 52-90
 62. Qian, Jiang; **Cai, Yunfeng**; Chu, Delin; Tan, Roger C. E., *Eigenvalue embedding of undamped vibroacoustic systems with no-spillover*, SIAM Journal on Matrix Analysis and Applications,

38:4, (2017), 1190-1209

63. **Qin, Xue**, *Factorization method for inverse obstacle scattering problem in three-dimensional planar acoustic waveguides*, Chinese Physics B, **27**:10, (2018)
64. **Ren, Xiankun**, *Periodic measures are dense in invariant measures for residually finite amenable group actions with specification*, Discrete and Continuous Dynamical Systems, **38**:4, (2018), 1657-1667
65. **Ren, Yanxia**; Song, Renming; Zhang, Rui, *Williams decomposition for superprocesses*, Electronic Journal of Probability, **23**, (2018), 23
66. **Shao, Sihong**; **Xiong, Yunfeng**, *A branching random walk method for many-body Wigner quantum dynamics*, Numerical Mathematics Theory Methods and Applications, **12**:1, (2019), 21-71
67. Shen, Li; Quinto, Eric Todd; Wang, Shiqiang; **Jiang, Ming**, *Simultaneous reconstruction and segmentation with the Mumford-Shah functional for electron tomography*, Inverse Problems and Imaging, **12**:6, (2018), 1343-1364
68. **Shi, Yuguang**; Tam, Luen-Fai, *Scalar curvature and singular metrics*, Pacific Journal of Mathematics, **293**:2, (2018), 427-470
69. **Tang, Lin**, *The estimates of Bessel integrals with oscillatory factors*, Mathematische Nachrichten, **291**:8-9, (2018), 1418-1436
70. **Tao, Tao**; Zhang, Liqun, *Holder continuous solutions of Boussinesq equations*, Acta Mathematica Scientia. Series B, **38**:5, (2018), 1591-1616
71. **Tao, Tao**; Zhang, Liqun, *On the continuous periodic weak solutions of Boussinesq equations*, SIAM Journal on Mathematical Analysis, **50**:1, (2018), 1120-1162
72. **Tian, Gang**, *New geometric flows*, National Science Review, **5**:4, (2018), 534-541
73. **Usman, Muhammad**; **Hamid, Muhammad**; Din, Syed Tauseef Mohyud; Waheed, Asif; **Wang, Wei**, *Exploration of uniform heat flux on the flow and heat transportation of ferrofluids along a smooth plate: Comparative investigation*, International Journal of Biomathematics, **11**:4, (2018), 1850048
74. **Usman, Muhammad**; **Hamid, Muhammad**; Ul Haq, Rizwan; **Wang, Wei**, *An efficient algorithm based on Gegenbauer wavelets for the solutions of variable-order fractional differential equations*, The European Physical Journal Plus, **133**, (2018), 327

75. **Usman, Muhammad; Hamid, Muhammad;** Ul Haq, Rizwan; **Wang, Wei,** *Heat and fluid flow of water and ethylene-glycol based Cu-nanoparticles between two parallel squeezing porous disks: LSGM approach*, International Journal of Heat and Mass Transfer, **123**, (2018), 888-895
76. **Usman, Muhammad; Hamid, Muhammad;** Zubair, Tamour; Ul Haq, Rizwan; **Wang, Wei,** *Cu-Al₂O₃/Water hybrid nanofluid through a permeable surface in the presence of nonlinear radiation and variable thermal conductivity via LSM*, International Journal of Heat and Mass Transfer, **126**, (2018), 1347-1356
77. **Usman, Muhammad;** Ul Haq, Rizwan; **Hamid, Muhammad; Wang, Wei,** *Least square study of heat transfer of water based Cu and Ag nanoparticles along a converging/diverging channel*, Journal of Molecular Liquids, **249**, (2018), 856-867
78. **Usman, Muhammad;** Soomro, Feroz Ahmed; Haq, Rizwan Ul; **Wang, Wei;** Defterli, Ozlem, *Thermal and velocity slip effects on Casson nanofluid flow over an inclined permeable stretching cylinder via collocation method*, International Journal of Heat and Mass Transfer, **122**, (2018), 1255-1263
79. **Usman, Muhammad;** Zubair, Tamous; **Hamid, Muhammad;** Ul Haq, Rizwan; **Wang, Wei,** *Wavelets solution of MHD 3-D fluid flow in the presence of slip and thermal radiation effects*, Physics of Fluids, **30**:2, (2018), 023104
80. **Wang, Jie,** *Finite basis for radical well-mixed difference ideals generated by binomials*, Communications in Algebra, **46**:6, (2018), 2589-2599
81. **Wang, Qianwen; Feng, Rongquan;** Zhu, Yan, *Verifiable random functions with Boolean function constraints*, Science China-Information Sciences, **61**:3, (2018), 039105
82. **Wang, Xiaodong,** *Hyperbolicity versus weak periodic orbits inside homoclinic classes*, Ergodic Theory and Dynamical Systems, **38**:6, (2018), 2345-2400
83. **Wang, Xiaodong;** Ouyang, Jie; Liu, Ying, *Prediction of flow effect on crystal growth of semi-crystalline polymers using a multi-scale phase-field approach*, Polymers, **9**:12, (2017), 634
84. **Wang, Yaping;** Yang, Jianfeng; Xu, Hongquan, *On the connection between maximin distance designs and orthogonal designs*, Biometrika, **105**:2, (2018), 471-477
85. Wang, Yiwei; **Zhang, Pingwen;** Chen, Jeff Z. Y., *Formation of three-dimensional colloidal*

- crystals in a nematic liquid crystal*, *Soft Matter*, **14**, (2018), 6756-6766
86. **Wei, Dongyi; Zhang, Zhifei**, *Global well-posedness of the MHD equations via the comparison principle*, *Science China Mathematics*, **61**:11, (2018), 2111-2120
87. **Wei, Dongyi; Zhang, Zhifei; Zhao, Weiren**, *Linear inviscid damping for a class of monotone shear flow in Sobolev spaces*, *Communications on Pure and Applied Mathematics*, **71**:4, (2018), 617-687
88. Wei, Liang; **Li, Zhiping**, *Fourier-Chebyshev spectral method for cavitation computation in nonlinear elasticity*, *Frontiers of Mathematics in China*, **13**:1, (2018), 203-226
89. Wei, Ying; **Yang, Chao**; Huang, Jizu, *Parallel energy-stable phase field crystal simulations based on domain decomposition methods*, *Computer Physics Communications*, **234**, (2019), 26-39
90. Wen, Hao; **Fan, Huijun**, *A twisted partial derivative(f)-Neumann problem and Toeplitz n -tuples from singularity theory*, *Manuscripta Mathematica*, **156**:43102, (2018), 63-80
91. Wu, Di; **Ma, Jinwen**, *A two-layer mixture model of Gaussian process functional regressions and its MCMC EM algorithm*, *IEEE Transactions on Neural Networks and Learning Systems*, **29**:10, (2018), 4894-4904
92. **Xiao, Qianying**; Zheng, Zuohuan, *$C-1$ weak palis conjecture for nonsingular flows*, *Discrete and Continuous Dynamical Systems*, **38**:4, (2018), 1809-1832
93. Xiao, Xiantao; **Li, Yongfeng; Wen, Zaiwen**; Zhang, Liwei, *A regularized semi-smooth Newton method with projection steps for composite convex programs*, *Journal of Scientific Computing*, **76**:1, (2018), 364-389
94. Xie, Zhenxiao; Li, Tongzhu; **Ma, Xiang**; Wang, Changping, *Wintgen ideal submanifolds: reduction theorems and a coarse classification*, *Annals of Global Analysis and Geometry*, **53**:3, (2018), 377-403
95. Xu, Jie; **Zhang, Pingwen**, *Calculating elastic constants of bent-core molecules from Onsager-theory-based tensor model*, *Liquid Crystals*, **45**:1, (2018), 22-31
96. Xu, Shao Peng; **Zhou, Shu Lin**, *Zero extension for the biharmonic equation*, *Acta Mathematica Sinica-English Series*, **34**:10, (2018), 1549-1562
97. Xue, Fei; **Zong, Chuanming**, *On lattice coverings by simplices*, *Advances in Geometry*, **18**:2, (2018), 181-186

98. Yin, Yunjian; Cai, Zheng; **Zhou, Xiaohua**, *Using secondary outcome to sharpen bounds for treatment harm rate in characterizing heterogeneity*, Biometrical Journal, **60**:5, (2018), 879-892
99. Yu, Jun; **Ai, Mingyao**; Wang, Yaping, *Optimal designs for linear models with Fredholm-type errors*, Journal of Statistical Planning and Inference, **194**, (2018), 65-74
100. Yu, Jun; **Kong, Xiangshun**; **Ai, Mingyao**; Tsui, Kwok Leung, *Optimal designs for dose-response models with linear effects of covariates*, Computational Statistics & Data Analysis, **127**, (2018), 217-228
101. **Zhai, Cuili**, *Global solutions for the 3-D incompressible nonhomogeneous MHD equations*, Nonlinear Analysis-Theory Methods & Applications, **169**, (2018), 163-189
102. Zhai, Muyue; Li, Haiwen; Zhang, Jiazhi; Tao, Louis; Wang, Shanshan; **Mao, Heng**, *Temporal multiplexing of the scientific grade camera for hyper-frame-rate imaging*, Optics Express, **26**:16, (2018), 20813-20822
103. **Zhang, Huiming**; Li, Bo; Kerns, G. Jay, *A characterization of signed discrete infinitely divisible distributions*, Studia Scientiarum Mathematicarum Hungarica, **54**:4, (2017), 446-470
104. **Zhang, Huiming**; Tan, Kai; Li, Bo, *COM-negative binomial distribution: modeling overdispersion and ultrahigh zero-inflated count data*, Frontiers of Mathematics in China, **13**:4, (2018), 967-998
105. Zhang, Meng; **Xu, Maozhi**, *Generating pairing-friendly elliptic curves using parameterized families*, IEICE Transactions on Fundamentals of Electronics Communications and Computer Sciences, **E101A**: 1, (2018), 279-282
106. **Zhang, Shucong**; Pan, Jing; Zhou, Yong, *Robust conditional nonparametric independence screening for ultrahigh-dimensional data*, Statistics & Probability Letters, **143**, (2018), 95-101
107. **Zhao, Weiren**, *Persistence of Besov regularity for a generalized drift-diffusion equation with pressure*, Acta Applicandae Mathematicae, **154**:1, (2018), 83-93
108. Zheng, Deqiang; **Fang, Xiangzhong**, *Exact confidence limits for the acceleration factor under constant-stress partially accelerated life tests with Type-I censoring*, IEEE Transactions on Reliability, **67**:1, (2018), 92-104
109. **Zhou, Hui**; Ding, Qi, *On mixed block graphs*, Linear & Multilinear Algebra, **66**:8, (2018), 1668-1680

110. Zou, Changwu; **Yang, Jiazhong**, *Piecewise linear differential system with a center-saddle type singularity*, Journal of Mathematical Analysis and Applications, **459**:1, (2018), 453-463

2) SCI 收录的非第一作者和通讯作者的 65 篇论文，按第一作者姓氏字母顺序排列：

1. Ai, Yinghua; Kong, Liang; **Zheng, Hao**, *Topological orders and factorization homology*, Advances in Theoretical and Mathematical Physics, **21**:8, (2017), 1845-1894
2. Andersson, Martin; **Gan, Shaobo**, *Transitivity of conservative diffeomorphisms isotopic to Anosov on T^3* , Ergodic Theory and Dynamical Systems, **38**:1, (2018), 1-9
3. Cai, Wenjun; **Li, Haochen**; Wang, Yushun, *Partitioned averaged vector field methods*, Journal of Computational Physics, **370**, (2018), 25-42
4. Cao, Yuanpei; **Lin, Wei**; Li, Hongzhe, *Two-sample tests of high-dimensional means for compositional data*, Biometrika, **105**:1, (2018), 115-132
5. Chen, Chong; **Xi, Ruibin**; Lin, Nan, *Community detection by L_0 -penalized graph Laplacian*, Electronic Journal of Statistics, **12**:1, (2018), 1842-1866
6. Chen, Long; **Hu, Jun**; Huang, Xuehai, *Fast auxiliary space preconditioners for linear elasticity in mixed form*, Mathematics of Computation, **87**:312, (2018), 1601-1633
7. Chen, Long; **Hu, Jun**; Huang, Xuehai, *Multigrid methods for Hellan-Herrmann-Johnson mixed method of Kirchhoff plate bending problems*, Journal of Scientific Computing, **76**:2, (2018), 673-696
8. Chen, Long; **Hu, Jun**; Huang, Xuehai; Man, Hongying, *Residual-based a posteriori error estimates for symmetric conforming mixed finite elements for linear elasticity problems*, Science China-Mathematics, **61**:6, (2018), 973-992
9. Chen, Xianli; Li, Xiaoguang; Zhao, Wei; **Li, Tiejun**; Ouyang, Qi, *Parameter sensitivity analysis for a stochastic model of mitochondrial apoptosis pathway*, PloS one, **13**:6, (2018), e0198579
10. Cheng, Cheng; **Gan, Shaobo**; **Shi, Yi**, *A robustly transitive diffeomorphism of kan's type*, Discrete and Continuous Dynamical Systems, **38**:2, (2018), 867-888

11. Cheng, Shaobo; **Zhang, Dong**; Deng, Shiqing; Li, Xing; Li, Jun; Tan, Guotai; Zhu, Yimei; Zhu, Jing, *Domain configurations in dislocations embedded hexagonal manganite systems: From the view of graph theory*, Applied Physics Letters, **112**:16, (2018), 162905
12. Christiansen, Snorre Harald; **Hu, Jun**; Hu, Kaibo, *Nodal finite element de Rham complexes*, Numerische Mathematik, **139**:2, (2018), 411-446
13. Deng, Weihua; Li, Buyang; Tian, Wenyi; **Zhang, Pingwen**, *Boundary problems for the fractional and tempered fractional operators*, Multiscale Modeling & Simulation, **16**:1, (2018), 125-149
14. Deng, Yuxing; **Zhu, Xiaohua**, *Asymptotic behavior of positively curved steady Ricci solitons*, Transactions of the American Mathematical Society, **370**:4, (2018), 2855-2877
15. Di, Shaoyan; Shen, Lei; Chang, Pengying; Zhao, Kai; **Lu, Tiao**; Du, Gang; Liu, Xiaoyan, *Performance comparison of Si, III-V double-gate n-type MOSFETs by deterministic Boltzmann transport equation solver*, Japanese Journal of Applied Physics, **56**:4S, (2017), 04CD08
16. Din, Syed Tauseef Mohyud; Zubair, Tamour; **Usman, Muhammad; Hamid, Muhammad; Rafiq, M.; Mohsin, S.**, *Investigation of heat and mass transfer under the influence of variable diffusion coefficient and thermal conductivity*, Indian Journal of Physics, **92**:9, (2018), 1109-1117
17. Ding, Jieli; Chen, Xiaolong; **Fang, Huaying**; Liu, Yanyan, *Case-cohort design for accelerated hazards model*, Statistics and its Interface, **11**:4, (2018), 657-668
18. Dong, Liangqing; Shi, Yang; Ma, Lijie; Yang, Liuxiao; Wang, Xiaoying; Zhang, Shu; Wang, Zhichao; Duan, Meng; Zhang, Zhao; Liu, Longzi; Zheng, Bohao; Ding, Zhenbin; Ke, Aiwu; Gao, Daming; Yuan, Ke; Zhou, Jian; Fan, Jia; **Xi, Ruibin**; Gao, Qiang, *Spatial and temporal clonal evolution of intrahepatic cholangiocarcinoma*, Journal of Hepatology, **69**:1, (2018), 89-98
19. Duan, Meng; Hao, Junfeng; Cui, Sijia; Worthley, Daniel L.; Zhang, Shu; Wang, Zhichao; Shi, Jieyi; Liu, Longzi; Wang, Xiaoying; Ke, Aiwu; Cao, Ya; **Xi, Ruibin**; Zhang, Xiaoming; Zhou, Jian; Fan, Jia; Li, Chong; Gao, Qiang, *Diverse modes of clonal evolution in HBV-related hepatocellular carcinoma revealed by single-cell genome sequencing*, Cell Research, **28**:3, (2018), 359-373
20. Gan, Ting; Chen, Mingshuai; Li, Yangjia; **Xia, Bican**; Zhan, Naijun, *Reachability analysis for*

- solvable dynamical systems*, IEEE Transactions on Automatic Control, **63**:7, (2018), 2003-2018
21. Gao, Si; Liu, Tiegang; **Yao, Chengbao**, *A complete list of exact solutions for one-dimensional elastic-perfectly plastic solid Riemann problem without vacuum*, Communications in Nonlinear Science and Numerical Simulation, **63**, (2018), 205-227
 22. Huang, Xiaoshuai; Fan, Junchao; Li, Liuju; Liu, Haosen; Wu, Runlong; Wu, Yi; Wei, Lisi; **Mao, Heng**; Lal, Amit; Xi, Peng; Tang, Liqiang; Zhang, Yunfeng; Liu, Yanmei; Tan, Shan; Chen, Liangyi, *Fast, long-term, super-resolution imaging with Hessian structured illumination microscopy*, Nature Biotechnology, **36**:5, (2018), 451-459
 23. Ji, Dandan; **Shi, Yuguang**; Zhu, Bo, *Exhaustion of isoperimetric regions in asymptotically hyperbolic manifolds with scalar curvature $R \geq -6$* , Communications in Analysis and Geometry, **26**:3, (2018), 627-658
 24. Karapinar, Erdal; Samet, Bessem; **Zhang, Dong**, *Meir-Keeler type contractions on JS-metric spaces and related fixed point theorems*, Journal of Fixed Point Theory and Applications, **20**, (2018), 60
 25. Kong, Liang; **Zheng, Hao**, *Gapless edges of 2d topological orders and enriched monoidal categories*, Nuclear Physics B, **927**, (2018), 140-165
 26. Ledrappier, Francois; **Shu, Lin**, *Differentiating the stochastic entropy for compact negatively curved spaces under conformal changes*, Annales de l'Institut Fourier, **67**:3, (2017), 1115-1183
 27. Li, Cece; **Zhang, Dong**, *On generalized metric spaces and generalized convex contractions*, Fixed Point Theory, **19**:2, (2018), 643-658
 28. Li, Jing; Kou, Liying; **Wang, Duo**, *Unique normal form and the associated coefficients for a class of three-dimensional nilpotent vector fields*, International Journal of Bifurcation and Chaos, **27**:14, (2017), 1750224
 29. Li, Li; Sun, Jun; Liu, Yang; **Sun, Meng**; Dong, Jinsong, *A formal specification and verification framework for timed security protocols*, IEEE Transactions on Software Engineering, **44**:8, (2018), 725-746
 30. Li, Long; Hu, Guanghui; **Yang, Jiansheng**, *Interface with weakly singular points always scatter*, Inverse Problems, **34**:7, (2018), 075002
 31. Li, Pengtao; **Peng, Lizhong**, *Poisson semigroup characterization and the trace theorem of a class of fractional mean oscillation spaces*, Mathematical Methods in the Applied Sciences,

- 41:9, (2018), 3463-3475
32. Li, ShengWen; Cai, C. Y.; **Liu, X. F.**; Sun, C. P., *Objectivity in quantum measurement*, Foundations of Physics, **48**:6, (2018), 654-667
33. Li, Song; Tso, Geoffrey K. F.; **Long, Lufan**, *Powered embarrassing parallel MCMC sampling in Bayesian inference, a weighted average intuition*, Computational Statistics & Data Analysis, **115**, (2017), 11-20
34. Lin, Zhenhua; Mueller, Hans-Georg; **Yao, Fang**, *Mixture inner product spaces and their application to functional data analysis*, Annals of Statistics, **46**:1, (2018), 370-400
35. Liu, Heguo; Wang, Yulei; **Zhang, Jiping**, *The automorphism group of a class of nilpotent groups with infinite cyclic derived subgroups*, Acta Mathematica Sinica-English Series, **34**:7, (2018), 1151-1158
36. Lu, Yong; **Zhang, Zhifei**, *Relative entropy, weak-strong uniqueness, and conditional regularity for a compressible oldroyd-b model*, SIAM Journal on Mathematical Analysis, **50**:1, (2018), 557-590
37. Luo, Yixiang; Xu, Jie; **Zhang, Pingwen**, *A fast algorithm for the moments of Bingham distribution*, Journal of Scientific Computing, **75**:3, (2018), 1337-1350
38. Majumdar, Apala; **Wang, Yiwei**, *Remarks on uniaxial solutions in the Landau-de Gennes theory*, Journal of Mathematical Analysis and Applications, **464**:1, (2018), 328-353
39. Miao, Jifei; Cheng, Guanghui; **Cai, Yunfeng**; Xia, Jing, *Approximate joint singular value decomposition algorithm based on Givens-like rotation*, IEEE Signal Processing Letters, **25**:5, (2018), 620-624
40. Mohyud-Din, Syed Tauseef; **Usman, Muhammad**; **Wang, Wei**; Hamid, Muhammad, *A study of heat transfer analysis for squeezing flow of a Casson fluid via differential transform method*, Neural Computing & Applications, **30**:10, (2018), 3253-3264
41. Mu, Zhenguo; **Li, Haochen**; Wang, Yushun, *A novel energy-preserving scheme for the coupled nonlinear Schrödinger equations*, International Journal of Computer Mathematics, **95**:1, (2018), 61-81
42. Shen, Jie; Xu, Jie; **Zhang, Pingwen**, *Approximations on $SO(3)$ by Wigner D-matrix and Applications*, Journal of Scientific Computing, **74**:3, (2018), 1706-1724
43. Song, Junquan; **Hu, Lan**; Shen, Shoufeng; Ma, Wenxiu, *Study of travelling wave solutions for*

- some special-type nonlinear evolution equations*, Physica Scripta, **93**:7, (2018), 075202
44. Soomro, Feroz Ahmed; **Usman, Muhammad**; Ul Haq, Rizwan; **Wang, Wei**, *Thermal and velocity slip effects on MHD mixed convection flow of Williamson nanofluid along a vertical surface: Modified Legendre wavelets approach*, Physica E: Low-Dimensional Systems & Nanostructures, **104**, (2018), 130-137
 45. Soomro, Feroz Ahmed; **Usman, Muhammad**; Ul Haq, Rizwan; **Wang, Wei**, *Melting heat transfer analysis of Sisko fluid over a moving surface with nonlinear thermal radiation via Collocation method*, International Journal of Heat and Mass Transfer, **126**:part A, (2018), 1034-1042
 46. Wang, Shuli; **Wang, Guanxiang**, *Texture classification by multifractal spectrum and barycentric coordinates of bit planes of wavelet coefficients*, IET Image Processing, **11**:12, (2017), 1205-1209
 47. Wang, Wendong; Zhang, Liquan; **Zhang, Zhifei**, *On the interior regularity criteria of the 3-d Navier-Stokes equations involving two velocity components*, Discrete and Continuous Dynamical Systems, **38**:5, (2018), 2609-2627
 48. Wang, Xueli; Zhou, Moqin; **Jia, Jinzhu**; **Geng, Zhi**; Xiao, Gexin, *A Bayesian approach to real-time monitoring and forecasting of Chinese foodborne diseases*, International Journal of Environmental Research and Public Health, **15**:8, (2018), 1740
 49. Wu, Bo; Ou, Fengrong; Deng, Yan; Liu, Ruxi; Hua, Hui; Chen, Rentong; Guan, Yuyuan; Yang, Dan; Gjesteby, Lars; **Yang, Jiansheng**; Vannier, Michael W.; Wang, Ge; Liu, Yang, *E-index a bibliometric index of research efficiency*, IEEE Access, **6**, (2018), 51355-51364
 50. Wu, Changjing; Zhao, Hongyu; **Fang, Huaying**; **Deng, Minghua**, *Graphical model selection with latent variables*, Electronic Journal of Statistics, **11**:2, (2017), 3485-3521
 51. Wu, Jianfeng; Wang, Chunli; **Zhang, Dong**, *Connected door spaces and topological solutions of equations*, Aequationes Mathematicae, **92**:6, (2018), 1149-1161
 52. Wu, Kailiang; **Tang, Huazhong**, *On physical-constraints-preserving schemes for special relativistic magnetohydrodynamics with a general equation of state*, Zeitschrift Fur Angewandte Mathematik Und Physik, **69**:3, (2018), Art. 84
 53. Xie, Wei; Luo, Haiwei; Murugapiran, Senthil K.; Dodsworth, Jeremy A.; Chen, Songze; Sun, Ying; Hedlund, Brian P.; Wang, Peng; Fang, Huaying; **Deng, Minghua**; Zhang, Chuanlun L.,

- Localized high abundance of Marine Group II archaea in the subtropical Pearl River Estuary: implications for their niche adaptation*, Environmental Microbiology, **20**:2, (2018), 734-754
54. Xu, Jie; **Zhang, Pingwen**, *Onsager-theory-based dynamic model for nematic phases of bent-core molecules and star molecules*, Journal of Non-Newtonian Fluid Mechanics, **251**, (2018), 43-55
55. Xu, Xingzhong; **Zhang, Jiping**, *On Bouc's and Thevenaz's conjectures on B-groups*, Journal of Algebra, **511**, (2018), 155-163
56. Yang, Haijian; Sun, Shuyu; Li, Yiteng; **Yang, Chao**, *A scalable fully implicit framework for reservoir simulation on parallel computers*, Computer Methods in Applied Mechanics and Engineering, **330**, (2018), 334-350
57. Yang, Yanhong; Song, Yongzhong; **Li, Haochen**; Wang, Yushun, *A new explicit symplectic Fourier pseudospectral method for Klein-Gordon-Schrödinger Equation*, Advances in Applied Mathematics and Mechanics, **10**:1, (2018), 242-260
58. You, Na; **He, Shun**; Wang, Xueqin; Zhu, Junxian; Zhang, Heping, *Subtype classification and heterogeneous prognosis model construction in precision medicine*, Biometrics, **74**:3, (2018), 814-822
59. Yu, Hanjun; Li, Zhaonan; Zhu, Wei; **Fang, Xiangzhong**, *Study for prognosis and survival rate of ovarian cancer*, Acta Mathematicae Applicatae Sinica-English Series, **34**:4, (2018), 718-729
60. Yu, Yuanyuan; **Li, Hongkai**; Sun, Xiaoru; Su, Ping; Wang, Tingting; Liu, Yi; Yuan, Zhongshang; Liu, Yanxun; Xue, Fuzhong, *The alarming problems of confounding equivalence using logistic regression models in the perspective of causal diagrams*, BMC Medical Research Methodology, **17**, (2017), 177
61. Zhang, Ping; **Zhang, Zhifei**, *Global well-posedness of 3-D inhomogeneous Navier-Stokes system with ill-prepared initial data*, Revista Matemática Iberoamericana, **34**:1, (2018), 355-395
62. Zhao, Zhenhua; Zhu, Yining; **Yang, Jiansheng**; **Jiang, Ming**, *Mumford-Shah-TV functional with application in X-ray interior tomography*, Inverse Problems and Imaging, **12**:2, (2018), 331-348
63. Zheng, Zhi; Chen, Xinfu; Qi, Yuanwei; **Zhou, Shulin**, *Existence of traveling waves of general Gray-Scott models*, Journal of Dynamics and Differential Equations, **30**:4, (2018), 1469-1487

64. Zhou, Jiang; **Wu, Lan**, *The distribution of refracted Levy processes with jumps having rational Laplace transforms*, Journal of Applied Probability, **54**:4, (2017), 1167-1192
65. Zhu, Ning; Ma, Yan; **Liu, Jianming**; Li, Yue-Xue; Liu, Min; Xin, Xiu-Lan; Jin, Qiong-Hua, *Crystal structure of catena-poly [aqua-(methanol- κ O)-bis(μ_2 -4 -(pyridin-4-yl)benzoato- κ^2 N:O)-bis(triphenylphosphine- κ P)disilver(I)], $C_{61}H_{52}Ag_2N_2O_6P_2$, Zeitschrift Fur Kristallographie-New Crystal Structures, **233**:3, (2018), 391-393*

3) 27 篇 EI 论文，按第一作者姓氏字母顺序排列：

1. Cai, Y.; **Yang, Chao**; Ma, W.; Ao, Y., *Extreme-scale realistic stencil computations on sunway taihulight with ten million cores*, 2018 18th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGRID), (2018), 566-571
2. Feng, Y.; Katoen, J.-P.; Li, H.; **Xia, Bican**, N. Zhan, *Monitoring CTMCs by multi-clock timed automata*, Computer Aided Verification. CAV 2018. Lecture Notes in Computer Science, 10981, 2018, 507-526
3. He, Qin; **Li, Dingquan**; Jiang, Tingting; **Jiang, Ming**, *Quality assessment for tone-mapped HDR images using multi-scale and multi-layer information*, IEEE International Conference on Multimedia & Expo Workshops (ICMEW), 2018
4. He, Zhuolun; Huang, Hanxian; **Jiang, Ming** et al., *FPGA-based real-time super-resolution system for ultra high definition videos*, The 26th IEEE International Symposium on Field-Programmable Custom Computing Machines (FCCM 2018), 2576-2621
5. Hong, Weijiang; **Nawaz, M. Saqib**; Zhang, Xiyue; **Li, Yi**; **Sun, Meng**, *Using Coq for formal modeling and verification of timed connectors*, Software Engineering and Formal Methods, LNCS 10729, (2018), 558-573
6. Li, Tao; **Ma, Jinwen**, *Bayesian probit model with L^1 and elastic net regularization*, Lecture Notes in Artificial Intelligence, 10954, (2018), 309-321
7. Li, Xiuhong; Liang, Yun; Zhang, Wentai; **Jiang, Ming** et al., *cuMBIR: An efficient framework for low-dose X-ray CT image reconstruction on GPUs*, ICS-2018: The 32nd ACM International Conference on Supercomputing

8. **Li, Yi; Sun, Meng**, *Generating arduino C codes from mediator*, It's All About Coordination, LNCS 10865, (2018), 174-188
9. **Li, Yixin; Zou, Yajun; Ma, Jinwen**, *DeepLayout: a semantic segmentation approach to page layout analysis*, Lecture Notes in Artificial Intelligence, 10956, (2018), 266-277
10. **Lin, Zuoquan; Jia, Zhaocong**, *Another useful four-valued logic*, International Conference on Knowledge Science, Engineering and Management, 89-101
11. Luo, Luo; Zhang, Wenpeng; **Zhang, Zhihua** et al., *Sketched follow-the-regularized-leader for online factorization machine*, SIGKDD
12. Lu, Yuteng; **Sun, Meng**, *Modeling and verification of IEEE 802.11i Security Protocol for Internet of Things*, Proceedings of SEKE 2018, 270-275
13. **Nawaz, M. Saqib; Sun, Meng**, *Using PVS for modeling and verifying cloud services and their composition*, Proceedings of CBD 2018, 42-47
14. **Nawaz, M. Saqib; Sun, Meng**, *Reo2PVS: Formal specification and verification of component connectors*, Proceedings of SEKE 2018, 391-396
15. Qiang, Zhe; **Ma, Jinwen**, *Model selection prediction for the mixture of Gaussian processes with RJMCMC*, IFIP Advances in Information and Communication Technology, 539, (2018), 310-317
16. Rahman, MD. Azizur; **Ma, Jinwen**, *Probe machine based consecutive route filtering approach to symmetric travelling salesman problem*, IFIP Advances in Information and Communication Technology, IFIP Advances in Information and Communication Technology, 539, (2018), 378-387
17. **Sun, Meng**; Zhang, Xiyue, *A relational model for probabilistic connectors based on timed data distribution streams*, Proceedings of FORMATS 2018, LNCS 11022, (2018), 125-141
18. Wang, Y.; Wu, W.; **Xia, Bican**, *Early ending in homotopy path-tracking for real roots*, Artificial Intelligence and Symbolic Computation. AISC 2018. Lecture Notes in Computer Science, 11110, (2018), 181-194
19. Wang, X. ; Xu, P. ; Xue, W.; **Yang, Chao** et al., *A fast sparse triangular solver for structured-grid problems on sunway many-core processor SW26010*, Proceedings of the 47th International Conference on Parallel Processing- ICPP 2018, 53:1-11

20. Wu, Daqing; **Ma, Jinwen**, *Related text discovery through consecutive filtering and supervised learning*, IFIP Advances in Information and Communication Technology, 539, (2018), 211-220
21. Xiao, Taihong; Hong, Jiapeng; **Ma, Jinwen**, *ELEGANT: exchanging latent encodings with GAN for transferring multiple face attributes*, Lecture Notes in Computer Science, 11214,(2018), 172-187
22. Xu, Heyuan; **Sun, Meng**; Gui, Yanfeng, *Regression analysis in estimating gas usage*, Proceedings of IHMSC 2018, 77-80
23. Yang, Chunxue; Zhao, Chenfei; **Mu, Kedian** et al., *A semantic path-based similarity measure for weighted heterogeneous information network*, 11th International Conference, KSEM 2018, Changchun, China, August 17-19, 2018, Proceedings, Part I, (2018), 311-323
24. Zhang, Xiyue; **Sun, Meng**, *Towards formal modeling and verification of probabilistic connectors in Coq*, Proceedings of SEKE 2018, 385-390
25. Zhao, Longbo; **Ma, Jinwen**, *A specialized probability density function for the input of mixture of Gaussian Processes*, IFIP Advances in Information and Communication Technology, 539, (2018), 70-80
26. Zhao, Shenjian; **Zhang, Zhihua**, *Attention-via-Attention neural machine translation*, The Thirty-Second AAAI Conference on Artificial Intelligence (AAAI'18)
27. Zheng, Wenli; **Ma, Jinwen**, *Automatic fault detection for 2d seismic data based on the seismic coherence of mutative scale analysis window*, IFIP Advances in Information and Communication Technology, 539, (2018),391-400

4) 12 篇其他论文，按第一作者姓氏字母顺序排列：

1. Chen, L.; **Li, R.**; **Yao, C.-B.**, *An approximate solver for multi-medium Riemann problem with Mie-Gruneisen equations of state*, Res. Math. Sci. **5**:31, (2018), Paper No. 31, 29 pp.
2. 邓宇星, **朱小华**, *非塌缩稳态型 Ricci 孤立子的刚性研究*, 中国科学: 数学, **48**, 2018, 31-44
3. **Feng, R.**; Tang, L. ; Wang, K., *On the standard lattices*, 数学进展, **47**:5, (2018), 659-666
4. Gan, Wee Teck; **Li, Wenwei**, *The Shimura-Waldspurger correspondence for $Mp(2n)$* , Simons Symposia: Geometric Aspects of the Trace Formula, Muller, Shin, Templier (Eds.)

5. Li, Tao; **Ma, Jinwen**, *Fuzzy clustering with automated model selection: Entropy penalty approach*, Proceedings of the 14th IEEE International Conference on Signal Processing (ICSP 2018), 571-576
6. **Li, Wenwei**, *Towards generalized prehomogeneous zeta integrals*, Springer Lecture Notes in Mathematics, 2221, (2018), 287-318
7. Li, Xitao; Xu, Meng; **Zhou, Shulin**, *Cauchy problem for a fractional parabolic equation with the Advection*, J. Partial Differential Equations, **31**:3, (2018), 252-273
8. 钮凯福, 参考文献著录问题分析与对策——以数学类期刊为例, 出版科学, **26**:5, (2018), 34-38
9. 邱凌云, 数学学科信息门户建设研究, 云南图书馆, **149**:1, (2018), 43-45
10. 任艳霞, 宋仁明, 张蕊, 上临界超过程的一类强极限的性质, 中国科学: 数学, 录用
11. Reza, Md. Shamim; **Ma, Jinwen**, *Imbalanced histopathological breast cancer image classification with convolutional neural network*, Proceedings of the 14-th IEEE International Conference on Signal Processing (ICSP 2018), 619-624
12. Zhao, Zhenghui; Wang, Shiqi; **Yang, Jiansheng** et al., *CNN-based bi-directional motion compensation for high efficiency video coding*, 2018 IEEE International Symposium on Circuits and Systems, 2018, 1-4