A Complete Bibliography of Publications in *Communications in Mathematics and Statistics*

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Zero [311]. **Zero-Divisor** [311].

References

Rivera-Letelier:2013:PSU

[1] Juan Rivera-Letelier and Weixiao Shen. On Poincaré series of unicritical polynomials at the critical point. *Communications in Mathematics and Statistics*, 1(1):1–17, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0002-x.pdf`.

Cai:2013:DFB

[2] Wei Cai, Jian Wu, and Jianguo Xin. Divergence-free $\boldsymbol{\mathcal{H}}(\mathbf{div})$-conforming hierarchical bases for magnetohydrodynamics (MHD). *Communications in Mathematics and Statistics*, 1(1): 19–35, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0003-9.pdf`.

Ma:2013:RDE

[3] Xiaonan Ma and George Marinescu. Remark on the off-diagonal expansion of the Bergman kernel on compact Kähler manifolds. *Communications in Mathematics and Statistics*, 1(1):37–41, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0004-8.pdf`.

Wang:2013:SRF

[4] Guofang Wang and Yongbing Zhang. The Sasaki–Ricci flow on Sasakian 3-spheres. *Communications in Mathematics and Statistics*, 1(1):43–71, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0005-7.pdf`.

Sheng:2013:MFC

[5] Mao Sheng, Jinxing Xu, and Kang Zuo. Maximal families of Calabi–Yau manifolds with minimal length Yukawa coupling. *Communications in Mathematics and Statistics*, 1(1):73–92, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0006-6.pdf`.

Hsu:2013:MCE

[6] Elton P. Hsu and Karl-Theodor Sturm. Maximal coupling of Euclidean Brownian motions. *Communications in Mathematics and Statistics*, 1(1):93–104, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0007-5.pdf`.

Anonymous:2013:HCa

[7] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 1(1):??, March 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Tian:2013:PEK

[8] Gang Tian. Partial C^0-estimate for Kähler–Einstein metrics. *Communications in Mathematics and Statistics*, 1(2):105–113, June 2013. CODEN

???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0011-9.pdf`.

Ding:2013:LSL

[9] Kai Ding, Michael R. Kosorok, and Donglin Zeng. On the local and stratified likelihood approaches in single-index hazards model. *Communications in Mathematics and Statistics*, 1(2):115–132, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0013-7.pdf`.

Dalang:2013:HCS

[10] Robert C. Dalang and Tusheng Zhang. Hölder continuity of solutions of SPDEs with reflection. *Communications in Mathematics and Statistics*, 1(2):133–142, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0009-3.pdf`.

Huang:2013:SDF

[11] Yunqing Huang and Shangyou Zhang. Supercloseness of the divergence-free finite element solutions on rectangular grids. *Communications in Mathematics and Statistics*, 1(2):143–162, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0012-8.pdf`.

Li:2013:USD

[12] Tian-Jun Li and Yongbin Ruan. Uniruled symplectic divisors. *Communications in Mathematics and Statistics*, 1(2):163–212, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0010-x.pdf`.

Kerr:2013:CIS

[13] David Kerr and Hanfeng Li. Combinatorial independence and sofic entropy. *Communications in Mathematics and Statistics*, 1(2):213–257, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0001-y.pdf`.

Anonymous:2013:HCb

[14] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 1(2):??, June 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Xiao:2013:ILN

[15] Yuelong Xiao and Zhouping Xin. On the inviscid limit of the 3D Navier–Stokes equations with generalized Navier–slip boundary conditions. *Communications in Mathematics and Statistics*, 1(3): 259–279, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0014-6.pdf`.

DaPrato:2013:FPE

[16] G. Da Prato, F. Flandoli, and M. Röckner. Fokker–Planck equations for SPDE with non-trace-class noise. *Communications in Mathematics and Statistics*, 1(3):281–304, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X

(electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0015-5.pdf`.

Chen:2013:DQM

[17] Jingyi Chen and Jiayu Li. Detecting quaternionic maps between Hyperkähler manifolds. *Communications in Mathematics and Statistics*, 1(3): 305–314, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0016-4.pdf`.

Li:2013:CSC

[18] Jian-Shu Li and Binyong Sun. On the cohomology of some complex hyperbolic arithmetic 3-manifolds. *Communications in Mathematics and Statistics*, 1 (3):315–329, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0017-3.pdf`.

Wang:2013:DLB

[19] Ruimin Wang, Zhouwang Yang, Ligang Liu, and Qing Chen. Discretizing Laplace–Beltrami operator from differential quantities. *Communications in Mathematics and Statistics*, 1(3): 331–350, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0018-2.pdf`.

Hu:2013:NUB

[20] Haojun Hu and Qi-Man Shao. Non-uniform Berry–Esséen bounds for weighted U-statistics and generalized L-statistics. *Communications in Mathematics and Statistics*, 1(3): 351–367, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0019-1.pdf`.

Anonymous:2013:HCc

[21] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 1(3):??, September 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Chen:2013:LET

[22] XiuXiong Chen and Meijun Zhu. Liouville energy on a topological two sphere. *Communications in Mathematics and Statistics*, 1(4):369–385, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0020-8.pdf`.

Huang:2013:LNS

[23] Hongnian Huang. The $L^{\frac{3}{2}}$-norm of the scalar curvature under the Ricci flow on a 3-manifold. *Communications in Mathematics and Statistics*, 1 (4):387–392, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0008-4.pdf`.

Jiang:2013:LDG

[24] Jinfeng Jiang and Yan Xu. Local discontinuous Galerkin method for the impact-induced wave in a slender cylinder composed of a non-convex elastic material. *Communications in Mathematics and Statistics*, 1(4):393–415, December 2013. CODEN ???? ISSN 2194-6701 (print),

2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0022-6.pdf`.

Hafayed:2013:MFN

[25] Mokhtar Hafayed. A mean-field necessary and sufficient conditions for optimal singular stochastic control. *Communications in Mathematics and Statistics*, 1 (4):417–435, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0023-0.pdf`.

Wu:2013:GEH

[26] Jiaxian Wu and Yi-Hu Yang. Gradient estimates and Harnack inequality for a nonlinear parabolic equation on complete manifolds. *Communications in Mathematics and Statistics*, 1 (4):437–464, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0026-x.pdf`.

Ma:2013:CGC

[27] Xi-Nan Ma and Wei Zhang. The concavity of the Gaussian curvature of the convex level sets of p-harmonic functions with respect to the height. *Communications in Mathematics and Statistics*, 1 (4):465–489, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0025-y.pdf`.

Anonymous:2013:ECI

[28] Anonymous. Erratum concerning incorrect received dates in eight articles. *Communications in Mathematics and Statistics*, 1(4):491–493, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-013-0021-7.pdf`.

Anonymous:2013:HCd

[29] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 1(4):??, December 2013. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Mohan:2014:SNF

[30] J. Jagan Mohan and G. V. S. R. Deekshitulu. Solutions of nabla fractional difference equations using N-transforms. *Communications in Mathematics and Statistics*, 2(1):1–16, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0027-9.pdf`.

Chen:2014:IO

[31] Mu-Fa Chen and Xu Zhang. Isospectral operators. *Communications in Mathematics and Statistics*, 2(1):17–32, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0028-8.pdf`.

Zong:2014:SCC

[32] Hong R. Zong. On the space of conics on complete intersections. *Communications in Mathematics and Statistics*, 2(1):33–45, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0029-7.pdf`.

Benth:2014:RID

[33] Fred Espen Benth and Paul Krühner. Representation of infinite-dimensional forward price models in commodity markets. *Communications in Mathematics and Statistics*, 2(1):47–106, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0030-1.pdf`.

Feng:2014:MMC

[34] Wenyue Feng, Zhouwang Yang, and Jiansong Deng. Moving multiple Curves/ surfaces approximation of mixed point clouds. *Communications in Mathematics and Statistics*, 2(1):107–124, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0031-0.pdf`.

Anonymous:2014:HCa

[35] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 2(1):??, March 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Kumar:2014:SSC

[36] Satish Kumar, Arun Choudhary, and Arvind Kumar. Some source coding theorems and 1:1 coding based on generalized inaccuracy measure of order α and type β. *Communications in Mathematics and Statistics*, 2(2):125–138, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0032-z.pdf`.

Li:2014:SSR

[37] Ren-Cang Li and Qiang Ye. Simultaneous similarity reductions for a pair of matrices to condensed forms. *Communications in Mathematics and Statistics*, 2(2):139–153, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0033-y.pdf`.

Losev:2014:LOR

[38] Andrey Losev. Local observables and renormalization in Dirac–Segal approach to QFT. *Communications in Mathematics and Statistics*, 2(2):155–161, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0036-8.pdf`.

Wang:2014:OAS

[39] Haiyan Wang and Guangbin Ren. Octonion analysis of several variables. *Communications in Mathematics and Statistics*, 2(2):163–185, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0034-x.pdf`.

Ye:2014:SIR

[40] Rugang Ye. Sobolev inequalities, Riesz transforms, and the Ricci flow. *Communications in Mathematics and Statistics*, 2(2):187–209, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0035-9.pdf`.

Anonymous:2014:HCb

[41] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 2(2):??, June 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Jing:2014:MRT

[42] Naihuan Jing and Ming Liu. R-matrix realization of two-parameter quantum group $U_{r,s}(\}\updownarrow_n)$. *Communications in Mathematics and Statistics*, 2(3–4): 211–230, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0037-7.pdf`.

Wu:2014:NOR

[43] Guoqiang Wu and Rugang Ye. A note on Obata's rigidity theorem. *Communications in Mathematics and Statistics*, 2(3–4):231–252, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0038-6.pdf`.

Zhang:2014:MWV

[44] Weiping Zhang. The mathematical work of V. K. Patodi. *Communications in Mathematics and Statistics*, 2 (3–4):253–277, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0039-5.pdf`.

Chen:2014:CDS

[45] Mu-Fa Chen. Criteria for discrete spectrum of 1D operators. *Communications in Mathematics and Statistics*, 2 (3–4):279–309, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0041-y.pdf`.

Han:2014:SVF

[46] Xiaoli Han and Jiayu Li. The second variation of the functional L of symplectic critical surfaces in Kähler surfaces. *Communications in Mathematics and Statistics*, 2(3–4):311–330, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-014-0040-z.pdf`.

Chen:2014:HEN

[47] Zhen-Qing Chen and Xicheng Zhang. Hölder estimates for nonlocal–diffusion equations with drifts. *Communications in Mathematics and Statistics*, 2 (3–4):331–348, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0042-5.pdf`.

Guo:2014:BFT

[48] W. Guo, Alexander N. Skiba, and X. Tang. On boundary factors and traces of subgroups of finite groups. *Communications in Mathematics and Statistics*, 2(3–4):349–361, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0043-4.pdf`.

Ye:2014:LSI

[49] Rugang Ye. The logarithmic Sobolev inequality along the Ricci flow: The case $\lambda_0(g_0) = 0$. *Communications in Mathematics and Statistics*, 2(3–4): 363–368, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0044-3.pdf`.

Huang:2014:EBE

[50] Aimin Huang. The 2D Euler–Boussinesq equations in planar polygonal domains with Yudovich's type data. *Communications in Mathematics and Statistics*, 2(3–4):369–391, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0045-2.pdf`.

Liu:2014:SCC

[51] Hui Liu, Yiming Long, Wei Wang, and Ping'an Zhang. Symmetric closed characteristics on symmetric compact convex hypersurfaces in $\mathbf{R}^8$. *Communications in Mathematics and Statistics*, 2 (3–4):393–411, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0047-0.pdf`.

Princy:2014:KFR

[52] T. Princy. Krätzel function and related statistical distributions. *Communications in Mathematics and Statistics*, 2 (3–4):413–429, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0048-z.pdf`.

Zhang:2014:DGM

[53] Futao Zhang, Yan Xu, and Falai Chen. Discontinuous Galerkin methods for isogeometric analysis for elliptic equations on surfaces. *Communications in Mathematics and Statistics*, 2(3–4): 431–461, December 2014. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/content/pdf/10.1007/s40304-015-0049-y.pdf`.

Ye:2015:LSS

[54] Rugang Ye. The logarithmic Sobolev and Sobolev inequalities along the Ricci flow. *Communications in Mathematics and Statistics*, 3(1):1–36, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0046-1`.

Li:2015:ADM

[55] Yusheng Li, Xinchang Xie, and Zhouwang Yang. Alternating direction method of multipliers for solving dictionary learning models. *Communications in Mathematics and Statistics*, 3(1):37–55, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0050-5`.

Huang:2015:NDM

[56] Wen Huang and Xiangdong Ye. A note on double minimality. *Communications in Mathematics and Statistics*, 3(1):57–61, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0051-4`.

Sun:2015:RRL

[57] Jun Sun. Rigidity results on Lagrangian and symplectic translating solitons. *Communications in Mathematics and Statistics*, 3(1):63–68, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0052-3`.

Zhang:2015:FPG

[58] Qinhai Zhang, Libo Zhao, Miaomiao Li, and Yiqun Shen. Finite p-groups all of whose subgroups of index p^3 are Abelian. *Communications in Mathematics and Statistics*, 3(1):69–162, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0053-2`.

Anonymous:2015:HC

[59] Anonymous. Help & contacts. *Communications in Mathematics and Statistics*, 3(1):??, March 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

Hafayed:2015:MFM

[60] Mokhtar Hafayed, Moufida Tabet, and Samira Boukaf. Mean-field maximum principle for optimal control of forward–backward stochastic systems with jumps and its application to mean–variance portfolio problem. *Communications in Mathematics and Statistics*, 3(2):163–186, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0054-1`.

Zhang:2015:DIP

[61] Li-Xin Zhang. Donsker's invariance principle under the sub-linear expectation with an application to Chung's law of the iterated logarithm. *Communications in Mathematics and Statistics*, 3(2):187–214, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0055-0`.

Estep:2015:PMS

[62] Donald J. Estep and Peter L. Polyakov. On a perturbation method for stochastic parabolic PDE. *Communications in Mathematics and Statistics*, 3(2):215–226, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0056-z`.

Sahoo:2015:UEF

[63] Pulak Sahoo. Uniqueness of entire functions related to difference polynomials. *Communications in Mathematics and Statistics*, 3(2):227–238, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0057-y`.

Liu:2015:CGK

[64] Jiawei Liu and Yue Wang. Convergence of the generalized Kähler–Ricci flow. *Communications in Mathematics and Statistics*, 3(2):239–261, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0058-x`.

Liu:2015:RSF

[65] Zhao Liu, Maodong Pan, Zhouwang Yang, and Jiansong Deng. Recovery of sharp features in mesh models. *Communications in Mathematics and Statistics*, 3(2):263–283, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0059-9`.

Guo:2015:FMN

[66] Wenbin Guo and A. S. Kondrat'ev. Finite minimal non-supersolvable groups decomposable into the product of two normal supersolvable subgroups. *Communications in Mathematics and Statistics*, 3(2):285–290, June 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0060-3`.

Mai:2015:CEH

[67] Jiehua Mai and Song Shao. Chaotic expansive homeomorphisms on closed orientable surfaces of positive genus. *Communications in Mathematics and Statistics*, 3(3):291–314, September 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0061-2`.

Szemeredi:2015:APD

[68] Endre Szemerédi. Arithmetic progressions, different regularity lemmas and removal lemmas. *Communications in Mathematics and Statistics*, 3(3):315–328, September 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0062-1`.

Hu:2015:HPG

[69] Sen Hu and Peng Liu. HOMFLY polynomial from a generalized Yang–Yang function. *Communications in Mathematics and Statistics*, 3(3):329–352, September 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0063-0`.

Zhang:2015:LIP

[70] Jingjing Zhang and Xin Li. On the linear independence and partition of unity of arbitrary degree analysis-suitable T-splines. *Communications in Mathematics and Statistics*, 3(3):353–364, September 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0064-z`.

Draouil:2015:DDF

[71] Olfa Draouil and Bernt Øksendal. A Donsker delta functional approach to optimal insider control and applications to finance. *Communications in Mathematics and Statistics*, 3(3):365–421, September 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-015-0065-y`. See erratum [79].

Doi:2015:DCC

[72] Mamoru Doi and Naoto Yotsutani. Doubling construction of Calabi–Yau fourfolds from toric Fano fourfolds. *Communications in Mathematics and Statistics*, 3(3):423–447, September 2015.

CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0066-x.

Artamonov:2015:DSP

[73] V. A. Artamonov. Derivations of skew PBW — extensions. *Communications in Mathematics and Statistics*, 3(4):449–457, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0067-9.

Chala:2015:NRC

[74] Adel Chala. Near-relaxed control problem of fully coupled forward–backward doubly system. *Communications in Mathematics and Statistics*, 3(4):459–476, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0068-8.

Vishwakarma:2015:ECE

[75] Gajendra K. Vishwakarma and Manish Kumar. An efficient class of estimators for the mean of a finite population in two-phase sampling using multi-auxiliary variates. *Communications in Mathematics and Statistics*, 3(4):477–489, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0069-7.

Mazurov:2015:RSA

[76] V. D. Mazurov and A. R. Moghaddamfar. Recognizing by spectrum for the automorphism groups of sporadic simple groups. *Communications in Mathematics and Statistics*, 3(4):491–496, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0070-1.

Fang:2015:SCH

[77] Fuquan Fang, Fengchun Lei, and Jie Wu. The symmetric commutator homology of link towers and homotopy groups of 3-manifolds. *Communications in Mathematics and Statistics*, 3(4):497–526, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0071-0.

Makhnev:2015:ADR

[78] A. A. Makhnev and D. V. Paduchikh. On automorphisms of distance–regular graph with intersection array $\{18, 15, 9; 1, 1, 10\}$. *Communications in Mathematics and Statistics*, 3(4):527–534, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0072-z.

Draouil:2015:EDD

[79] Olfa Draouil and Bernt Øksendal. Erratum to: A Donsker Delta Functional Approach to Optimal Insider Control and Applications to Finance. *Communications in Mathematics and Statistics*, 3(4):535–540, December 2015. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0074-x; http://link.springer.com/content/pdf/10.

1007/s40304-015-0074-x.pdf. See [71].

Dobriban:2016:RPS

[80] Edgar Dobriban and Jianqing Fan. Regularity properties for sparse regression. *Communications in Mathematics and Statistics*, 4(1):1–19, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0078-6.

Chen:2016:TON

[81] Jiahua Chen and Pengfei Li. Testing the order of a normal mixture in mean. *Communications in Mathematics and Statistics*, 4(1):21–38, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0079-5.

Dhara:2016:GDA

[82] Basudeb Dhara and Nurcan Argaç. Generalized derivations acting on multilinear polynomials in prime rings and Banach algebras. *Communications in Mathematics and Statistics*, 4(1):39–54, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0073-y.

Tekir:2016:AQP

[83] Unsal Tekir, Suat Koç, Kursat Hakan Oral, and Kar Ping Shum. On 2-absorbing quasi–primary ideals in commutative rings. *Communications in Mathematics and Statistics*, 4(1):55–62, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0075-9.

Ozcag:2016:DCN

[84] Emin Özçağ, Limonka Lazarova, and Biljana Jolevska-Tuneska. Defining compositions of x_+^μ, $|x|^\mu$, x^{-s}, and $x^{-s}\ln|x|$ as neutrix limit of regular sequences. *Communications in Mathematics and Statistics*, 4(1):63–80, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0076-8.

Li:2016:LDM

[85] Changjing Li, Quanyuan Chen, and Ting Wang. $*$-Lie derivable mappings on von Neumann algebras. *Communications in Mathematics and Statistics*, 4(1):81–92, March 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0077-7.

Lewis:2016:LHT

[86] James D. Lewis. Lectures on Hodge theory and algebraic cycles. *Communications in Mathematics and Statistics*, 4(2):93–188, June 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0080-z.

Artamonov:2016:EMO

[87] Viacheslav Artamonov, Oswaldo Lezama, and William Fajardo. Extended modules and Ore extensions. *Communications in Mathematics and Statistics*, 4(2):189–202, June 2016. CODEN ???? ISSN 2194-6701

(print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0081-y.

Deng:2016:BMP

[88] Fang Deng, Chao Zeng, and Jiansong Deng. Boundary-mapping parametrization in isogeometric analysis. *Communications in Mathematics and Statistics*, 4(2):203–216, June 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0082-x.

Fang:2016:EMF

[89] Shouwen Fang, Liang Zhao, and Peng Zhu. Estimates and monotonicity of the first eigenvalues under the Ricci flow on closed surfaces. *Communications in Mathematics and Statistics*, 4(2):217–228, June 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0083-9.

Zhang:2016:SNM

[90] Li-Xin Zhang. Self-normalized moderate deviation and laws of the iterated logarithm under G-expectation. *Communications in Mathematics and Statistics*, 4(2):229–263, June 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-015-0084-8.

Sun:2016:SSF

[91] Ruiran Sun. Some special families of rank-2 representations of π_1 of compact Riemann surfaces. *Communications in Mathematics and Statistics*, 4(2):265–279, June 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-016-0085-2.

Skiba:2016:SRT

[92] Alexander N. Skiba. On some results in the theory of finite partially soluble groups. *Communications in Mathematics and Statistics*, 4(3):281–309, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0088-z.

Jiang:2016:PRF

[93] Ping Jiang, Xingqiao Wu, and Zhi Liu. Polynomial root-finding using a SLEFE-based clipping method. *Communications in Mathematics and Statistics*, 4(3):311–322, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0086-1.

Treanta:2016:MFV

[94] Savin Treanta. Multiobjective fractional variational problem on higher-order jet bundles. *Communications in Mathematics and Statistics*, 4(3):323–340, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0087-0.

Amissah:2016:AIS

[95] Ekow Ewusi Amissah, Nana Kena Frempong, and Emmanuel DeGraft Johnson Owusu-Ansah. Accessing individual students academic performance

using random effect analysis (multilevel analysis). *Communications in Mathematics and Statistics*, 4(3): 341–357, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0089-y`.

Zhang:2016:FSN

[96] Xicheng Zhang. Fundamental solutions of nonlocal Hörmander's operators. *Communications in Mathematics and Statistics*, 4(3):359–402, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0090-5`.

Qin:2016:SEI

[97] Xue Qin and Shumin Li. A stability estimate for an inverse problem of determining a coefficient in a hyperbolic equation with a point source. *Communications in Mathematics and Statistics*, 4(3):403–421, September 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0091-4`.

Qiao:2016:HDD

[98] Shouhong Qiao, Guohua Qian, and Yanming Wang. How does diagonal subgroup embedding determine the structure of a group? *Communications in Mathematics and Statistics*, 4(4): 423–433, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0092-3`.

He:2016:MPC

[99] Yong He, Wei Tian, and Kar Ping Shum. $\mathcal{P}$-condense and $\mathcal{CP}$-condensing operators on semilattices, join-complete lattices and some inverse semigroups. *Communications in Mathematics and Statistics*, 4(4):435–447, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0093-2`.

Zhang:2016:EPS

[100] Jia Zhang, Long Miao, and Baojun Li. On m-embedded primary subgroups of finite groups. *Communications in Mathematics and Statistics*, 4 (4):449–458, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0094-1`.

Noughabi:2016:ELR

[101] Hadi Alizadeh Noughabi. Empirical likelihood ratio-based goodness-of-fit test for the Laplace distribution. *Communications in Mathematics and Statistics*, 4 (4):459–471, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s40304-016-0095-0`.

Singh:2016:APW

[102] Bhupendra Singh. An additive Perks–Weibull model with bathtub-shaped hazard rate function. *Communications in Mathematics and Statistics*, 4 (4):473–493, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.`

springer.com/accesspage/article/10.1007/s40304-016-0096-z.

Galmak:2016:INS

[103] Alexander M. Gal'mak and Viktoria A. Kovaleva. On identities and m-neutral sequences of n-ary groups. *Communications in Mathematics and Statistics*, 4 (4):495–508, December 2016. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0097-y.

E:2017:PML

[104] Weinan E. A proposal on machine learning via dynamical systems. *Communications in Mathematics and Statistics*, 5(1):1–11, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-017-0103-z.

Duan:2017:NSC

[105] Yali Duan, Linghua Kong, and Min Guo. Numerical simulation of a class of nonlinear wave equations by lattice Boltzmann method. *Communications in Mathematics and Statistics*, 5(1):13–35, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0098-x.

Zhu:2017:WTM

[106] Xiaobao Zhu. A weak Trudinger–Moser inequality with a singular weight on a compact Riemannian surface. *Communications in Mathematics and Statistics*, 5(1):37–57, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-016-0099-9.

Yang:2017:ADM

[107] Jiaojiao Yang, Yusheng Li, Xinchang Xie, and Zhouwang Yang. Alternating direction method for separable variables under pair-wise constraints. *Communications in Mathematics and Statistics*, 5(1):59–82, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-017-0100-2.

Guo:2017:FGP

[108] Wenbin Guo, Chenchen Cao, Alexander N. Skiba, and Darya A. Sinitsa. Finite groups with $\mathcal{H}$-permutable subgroups. *Communications in Mathematics and Statistics*, 5(1):83–92, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-017-0101-1.

Huang:2017:SEM

[109] Wen Huang, Song Shao, and Xiangdong Ye. Strictly ergodic models under face and parallelepiped group actions. *Communications in Mathematics and Statistics*, 5(1):93–122, March 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s40304-017-0102-0.

Zou:2017:SVS

[110] Yong Zou. Stronger version sensitivity, almost finite to one extension and maximal pattern entropy. *Communications in Mathematics and*

Statistics, 5(2):123–139, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0104-y.

Guerdouh:2017:FBS

[111] Dalila Guerdouh and Nabil Khelfallah. Forward-backward SDEs driven by Lévy process in stopping time duration. *Communications in Mathematics and Statistics*, 5(2):141–157, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0105-x.

Panahi:2017:EMG

[112] Hanieh Panahi. Estimation methods for the generalized inverted exponential distribution under Type II progressively hybrid censoring with application to spreading of micro-drops data. *Communications in Mathematics and Statistics*, 5(2):159–174, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0106-9.

Zhang:2017:HGF

[113] Zhe Zhang and Qin Yue. Hilbert genus fields of imaginary biquadratic fields. *Communications in Mathematics and Statistics*, 5(2):175–197, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0107-8.

Priyadarshini:2017:USM

[114] Poonam Priyadarshini and Soubhik Chakraborty. Using statistical modeling, rate of change of pitch and inter-onset interval to distinguish between restful and restless ragas. *Communications in Mathematics and Statistics*, 5(2):199–212, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0108-7.

Joshi:2017:NEF

[115] Rajesh Joshi and Satish Kumar. A new exponential fuzzy entropy of order-(α, β) and its application in multiple attribute decision-making problems. *Communications in Mathematics and Statistics*, 5(2):213–229, June 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0109-6.

Kumar:2017:SIE

[116] Devendra Kumar, Tanujit Dey, and Sanku Dey. Statistical inference of exponentiated moment exponential distribution based on lower record values. *Communications in Mathematics and Statistics*, 5(3):231–260, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0110-0.

Arumairajan:2017:MAU

[117] Sivarajah Arumairajan and Pushpakanthie Wijekoon. Modified almost unbiased Liu estimator in linear regression model. *Communications in Mathematics and Statistics*, 5(3):261–276, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0111-z.

Ai:2017:FGT

[118] Wanjun Ai. The flow of gauge transformations on Riemannian surface with boundary. *Communications in Mathematics and Statistics*, 5(3):277–316, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0112-y`.

Zhang:2017:MCP

[119] Chun Zhang and Ligang Liu. Manifold construction over polyhedral mesh. *Communications in Mathematics and Statistics*, 5(3):317–333, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0113-x`.

Tao:2017:WIP

[120] Xinkai Tao, Boyuan Liu, and Xinmin Hou. Weak internal partition of regular graphs. *Communications in Mathematics and Statistics*, 5(3):335–338, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0114-9`.

Miao:2017:SCS

[121] Liyun Miao and Yangming Li. Some criteria for p-supersolvability of a finite group. *Communications in Mathematics and Statistics*, 5(3):339–348, September 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0115-8`.

E:2017:DLB

[122] Weinan E, Jiequn Han, and Arnulf Jentzen. Deep learning-based numerical methods for high-dimensional parabolic partial differential equations and backward stochastic differential equations. *Communications in Mathematics and Statistics*, 5(4):349–380, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0117-6`.

Zhu:2017:MBP

[123] Yuanpeng Zhu and Falai Chen. Modified bases of PHT-splines. *Communications in Mathematics and Statistics*, 5(4):381–397, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0116-7`.

Zhang:2017:SFG

[124] Xinjian Zhang and Yong Xu. The structure of a finite group which is the product of two subgroups with some subnormal subgroups. *Communications in Mathematics and Statistics*, 5(4):399–405, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0118-5`.

Majumder:2017:MFS

[125] Sujoy Majumder. Meromorphic functions sharing one value with their derivatives concerning the difference operator. *Communications in Mathematics and Statistics*, 5(4):407–427, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL

http://link.springer.com/article/10.1007/s40304-017-0119-4.

Kumar:2017:EMD

[126] Manish Kumar and Gajendra K. Vishwakarma. Estimation of mean in double sampling using exponential technique on multi-auxiliary variates. *Communications in Mathematics and Statistics*, 5(4):429–445, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0120-y.

Shi:2017:NG

[127] Wujie Shi and Heng Lv. A note of CP_2 groups. *Communications in Mathematics and Statistics*, 5(4):447–451, December 2017. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0121-x.

E:2018:DRM

[128] Weinan E and Bing Yu. The deep Ritz method: A deep learning-based numerical algorithm for solving variational problems. *Communications in Mathematics and Statistics*, 6(1):1–12, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0127-z.

Fan:2018:BEB

[129] Xiequan Fan and Qi-Man Shao. Berry–Esseen bounds for self-normalized martingales. *Communications in Mathematics and Statistics*, 6(1):13–27, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0122-9.

Zhang:2018:QBV

[130] Tao Zhang, Changliang Zhou, and Chunqin Zhou. Quantization of the blow-up value for the Liouville equation with exponential Neumann boundary condition. *Communications in Mathematics and Statistics*, 6(1):29–48, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0126-5.

DeFilippis:2018:CGS

[131] Vincenzo De Filippis and Feng Wei. Centralizers of X-generalized skew derivations on multilinear polynomials in prime rings. *Communications in Mathematics and Statistics*, 6(1):49–71, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0125-6.

Chandra:2018:AOP

[132] N. Chandra and Mashroor Ahmad Khan. Analysis and optimum plan for 3-step step-stress accelerated life tests with Lomax model under progressive Type-I censoring. *Communications in Mathematics and Statistics*, 6(1):73–90, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-017-0123-8.

Khan:2018:PER

[133] Hina Khan, Muhammad Aslam, and Masood Amjad Khan. Properties of exponential ratio type estimators in equal probability sampling: A simulation

study. *Communications in Mathematics and Statistics*, 6(1):91–118, March 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-017-0124-7`.

Song:2018:CAI

[134] Yanzhi Song, Yixin Luo, Yuan Liu, Jiansong Deng, and Zhouwang Yang. Compression algorithm for implicit 3D B-spline solids. *Communications in Mathematics and Statistics*, 6(2):119–140, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0128-y`.

Narayan:2018:LTS

[135] Tripta Narayan, Tanushree Bhattacharya, Soubhik Chakraborty, and Swapan Konar. Long-term statistical characteristics of air pollutants in a traffic-congested area of Ranchi, India. *Communications in Mathematics and Statistics*, 6(2):141–162, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0129-x`.

Tsukada:2018:HTI

[136] Shin ichi Tsukada. Hypothesis testing for independence under blocked compound symmetric covariance structure. *Communications in Mathematics and Statistics*, 6(2):163–184, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0130-4`.

Arumairajan:2018:SRM

[137] S. Arumairajan. On the stochastic restricted modified almost unbiased Liu estimator in linear regression model. *Communications in Mathematics and Statistics*, 6(2):185–206, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0131-3`.

Wang:2018:FGW

[138] Lifang Wang. Finite 2-groups whose number of subgroups of each order are at most 2^4. *Communications in Mathematics and Statistics*, 6(2):207–226, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0133-1`.

Hu:2018:HHH

[139] Ze-Chun Hu and Wei Sun. Hunt's hypothesis (H) for the sum of two independent Lévy processes. *Communications in Mathematics and Statistics*, 6(2):227–247, June 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0136-y`.

Chen:2018:OCS

[140] Ke Chen, Xin Lu, and Kang Zuo. The Oort conjecture for Shimura curves of small unitary rank. *Communications in Mathematics and Statistics*, 6(3):249–268, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0155-8`; `http://`

link.springer.com/content/pdf/10.1007/s40304-018-0155-8.pdf.

Gonzalez:2018:EUF

[141] María del Mar González, YanYan Li, and Luc Nguyen. Existence and uniqueness to a fully nonlinear version of the Loewner–Nirenberg problem. *Communications in Mathematics and Statistics*, 6(3):269–288, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0150-0; http://link.springer.com/content/pdf/10.1007/s40304-018-0150-0.pdf.

Guo:2018:PSM

[142] Wenbin Guo and Danila O. Revin. Pronormality and submaximal $\mathcal{X}$-subgroups on finite groups. *Communications in Mathematics and Statistics*, 6(3):289–317, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0154-9; http://link.springer.com/content/pdf/10.1007/s40304-018-0154-9.pdf.

Li:2018:NCE

[143] Jiayu Li, Chuanjing Zhang, and Xi Zhang. A note on curvature estimate of the Hermitian–Yang–Mills flow. *Communications in Mathematics and Statistics*, 6(3):319–358, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0135-z; http://link.springer.com/content/pdf/10.1007/s40304-018-0135-z.pdf.

Ma:2018:LDG

[144] Tian Ma and Yan Xu. Local discontinuous Galerkin methods for the two–dimensional Camassa–Holm equation. *Communications in Mathematics and Statistics*, 6(3):359–388, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0140-2; http://link.springer.com/content/pdf/10.1007/s40304-018-0140-2.pdf.

Wang:2018:PTK

[145] Jun Wang and Jian Zhou. Phase transition of Kähler–Einstein metrics via moment maps. *Communications in Mathematics and Statistics*, 6(3):389–415, September 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0153-x; http://link.springer.com/content/pdf/10.1007/s40304-018-0153-x.pdf.

Funaki:2018:HLE

[146] Tadahisa Funaki. Hydrodynamic limit for exclusion processes. *Communications in Mathematics and Statistics*, 6(4):417–480, December 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0161-x.

Song:2018:SCG

[147] Jian Song. SPDEs with colored Gaussian noise: A survey. *Communications in Mathematics and Statistics*, 6(4):481–492, December 2018. CODEN ???? ISSN 2194-6701

(print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0160-y.

Wang:2018:DHK

[148] Jian Wang. On-diagonal heat kernel estimates for Schrödinger semigroups and their application. *Communications in Mathematics and Statistics*, 6(4):493–508, December 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0163-8.

Xu:2018:SCN

[149] Weijun Xu. Sharp convergence of nonlinear functionals of a class of Gaussian random fields. *Communications in Mathematics and Statistics*, 6(4):509–532, December 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0162-9; http://link.springer.com/content/pdf/10.1007/s40304-018-0162-9.pdf.

Zhang:2018:SBD

[150] Xicheng Zhang and Guohuan Zhao. Singular Brownian diffusion processes. *Communications in Mathematics and Statistics*, 6(4):533–581, December 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0164-7.

Zheng:2018:MDS

[151] Wuting Zheng, Jianliang Zhai, and Tusheng Zhang. Moderate deviations for stochastic models of two-dimensional second-grade fluids driven by Lévy noise. *Communications in Mathematics and Statistics*, 6(4):583–612, December 2018. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0165-6.

Chen:2019:EBT

[152] Yu Chen, Dan Chen, and Wenxue Gao. Extensions of Breiman's theorem of product of dependent random variables with applications to ruin theory. *Communications in Mathematics and Statistics*, 7(1):1–23, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0132-2.

Tang:2019:NCQ

[153] Juping Tang, Jia Zhang, and Long Miao. New criteria for quasi-$\mathcal{F}$-groups. *Communications in Mathematics and Statistics*, 7(1):25–32, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0134-0.

Ye:2019:GWC

[154] Gen Ye and Songjian Wang. The Gamma/Weibull customer lifetime model. *Communications in Mathematics and Statistics*, 7(1):33–59, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0137-x.

Liu:2019:BQF

[155] Yang Liu and Yi Ouyang. On binary quadratic forms modulo n. *Communications in Mathematics and*

Statistics, 7(1):61–67, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0141-1.

Makhnev:2019:IPG

[156] A. A. Makhnev, M. P. Golubyatnikov, and Wenbin Guo. Inverse problems in graph theory: Nets. *Communications in Mathematics and Statistics*, 7(1):69–83, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0159-4.

Huang:2019:SFW

[157] Wen Huang and Leiye Xu. Special flow, weak mixing and complexity. *Communications in Mathematics and Statistics*, 7(1):85–122, March 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0166-5.

Yang:2019:BNQ

[158] Hang Yang, Zhuojian Chen, and Weiping Zhang. Bayesian nonlinear quantile regression approach for longitudinal ordinal data. *Communications in Mathematics and Statistics*, 7(2):123–140, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0148-7.

Vovan:2019:CTP

[159] Tai Vovan, Loc Tranphuoc, and Ha Chengoc. Classifying two populations by Bayesian method and applications. *Communications in Mathematics and Statistics*, 7(2):141–161, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0139-8.

Muthukumar:2019:MFI

[160] P. Muthukumar and R. Deepa. Mean-field, infinite horizon, optimal control of nonlinear stochastic delay system governed by Teugels martingales associated with Lévy processes. *Communications in Mathematics and Statistics*, 7(2):163–180, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0143-z.

Qin:2019:NIR

[161] Yuguo Qin. Non-isometric Riemannian G-manifolds with equal equivariant spectra. *Communications in Mathematics and Statistics*, 7(2):181–190, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0149-6.

Wang:2019:SSH

[162] Ruixin Wang and Chuanjing Zhang. Semi-stability for holomorphic pairs on compact Gauduchon manifolds. *Communications in Mathematics and Statistics*, 7(2):191–206, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0152-y.

Lu:2019:CCU

[163] Xuexing Lu and Yu Ye. Combinatorial characterization of upward pla-

narity. *Communications in Mathematics and Statistics*, 7(2):207–223, June 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0169-2.

Jost:2019:GDM

[164] Jürgen Jost and Sylvia Yaptieu. A generalized discrete Morse–Floer theory. *Communications in Mathematics and Statistics*, 7(3):225–252, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0167-4; http://link.springer.com/content/pdf/10.1007/s40304-018-0167-4.pdf.

Liu:2019:BJS

[165] Meimei Liu, Weiping Zhang, and Yu Chen. Bayesian joint semiparametric mean-covariance modeling for longitudinal data. *Communications in Mathematics and Statistics*, 7(3):253–267, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0138-9.

Deprez:2019:SFP

[166] Philippe Deprez and Mario V. Wüthrich. Scale-free percolation in continuum space. *Communications in Mathematics and Statistics*, 7(3):269–308, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0142-0.

Tripathi:2019:EES

[167] Yogesh Mani Tripathi, Constantinos Petropoulos, and Farha Sultana. Estimating an exponential scale parameter under double censoring. *Communications in Mathematics and Statistics*, 7(3):309–328, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0144-y.

Wang:2019:NPS

[168] Jun Wang. The Neumann problem for special Lagrangian equations with critical phase. *Communications in Mathematics and Statistics*, 7(3):329–361, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0157-6.

Kang:2019:NMD

[169] Hongmei Kang and Xin Li. A new method to design cubic Pythagorean-hodograph spline curves with control polygon. *Communications in Mathematics and Statistics*, 7(3):363–381, September 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0158-5.

Ewemooje:2019:AED

[170] O. S. Ewemooje, F. B. Adebola, and G. N. Amahia. Alternative estimator in dichotomous randomized response technique. *Communications in Mathematics and Statistics*, 7(4):383–400, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL

http://link.springer.com/article/10.1007/s40304-018-0145-x.

Grover:2019:ESE

[171] Lovleen Kumar Grover and Amanpreet Kaur. An efficient scrambled estimator of population mean of quantitative sensitive variable using general linear transformation of non-sensitive auxiliary variable. *Communications in Mathematics and Statistics*, 7(4):401–415, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0146-9.

Feroze:2019:TCM

[172] Navid Feroze and Muhammad Aslam. Three-component mixture of Rayleigh model under doubly censored samples: a Bayesian look. *Communications in Mathematics and Statistics*, 7(4):417–443, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0147-8.

Yang:2019:SBD

[173] Yunli Yang, Jing Kong, Lu Yang, and Zhouwang Yang. Sequential big data-based macroeconomic forecast for industrial value added. *Communications in Mathematics and Statistics*, 7(4):445–457, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00177-4.

Yang:2019:NII

[174] Tianhui Yang, Ammar Qarariyah, Hongmei Kang, and Jiansong Deng. Numerical integration over implicitly defined domains with topological guarantee. *Communications in Mathematics and Statistics*, 7(4):459–474, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00178-3.

Cai:2019:SSW

[175] Yan an Cai and Xiufu Zhang. Simple singular Whittaker modules over the Schrödinger algebra. *Communications in Mathematics and Statistics*, 7(4):475–483, December 2019. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00180-9.

Latpate:2020:TSN

[176] R. V. Latpate and J. K. Kshirsagar. Two-stage negative adaptive cluster sampling. *Communications in Mathematics and Statistics*, 8(1):1–21, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0151-z.

Ahmed:2020:FRS

[177] Segun Ahmed, Stephen A. Sedory, and Sarjinder Singh. Forcibly rescrambled randomized response model for simultaneous estimation of means of two sensitive variables. *Communications in Mathematics and Statistics*, 8(1):23–45, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-0156-7.

Li:2020:PFA

[178] Yaguang Li and Baisuo Jin. Pairwise fusion approach incorporating prior constraint information. *Communications in Mathematics and Statistics*, 8(1):47–62, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0168-3`.

Chen:2020:ERF

[179] Youmin Chen. On expansions of Ricci flat ALE metrics in harmonic coordinates about the infinity. *Communications in Mathematics and Statistics*, 8(1):63–90, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-019-00183-6`.

Qarariyah:2020:NSS

[180] Ammar Qarariyah, Fang Deng, Tianhui Yang, and Jiansong Deng. Numerical solution for Schrödinger eigenvalue problem using isogeometric analysis on implicit domains. *Communications in Mathematics and Statistics*, 8(1):91–111, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-019-00186-3`.

Liu:2020:PTO

[181] Congwen Liu and Jiajia Si. Positive Toeplitz operators on the Bergman spaces of the Siegel upper half–space. *Communications in Mathematics and Statistics*, 8(1):113–134, March 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-019-00187-2`.

Prasad:2020:RAS

[182] Penti Hari Prasad, T. Sumathi Uma Maheswari, and J. Shirisha. Reliability analysis of symmetrical columns with eccentric loading from Lindley distribution. *Communications in Mathematics and Statistics*, 8(2):135–149, June 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-0170-9`.

Moghimbeygi:2020:SLD

[183] M. Moghimbeygi and M. Golalizadeh. Spherical logistic distribution. *Communications in Mathematics and Statistics*, 8(2):151–166, June 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-00171-2`.

DaSilva:2020:BBS

[184] Stéphane Blondeau Da Silva. Benford or not Benford: A systematic but not always well-founded use of an elegant law in experimental fields. *Communications in Mathematics and Statistics*, 8(2):167–201, June 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `http://link.springer.com/article/10.1007/s40304-018-00172-1`.

UlRahman:2020:APD

[185] Jamshaid Ul Rahman, Qing Chen, and Zhouwang Yang. Additive parameter for deep face recognition. *Communications in Mathematics and Statistics*, 8(2):203–217, June 2020.

CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00198-z.

Shen:2020:CMH

[186] Zhenghan Shen and Pan Zhang. Canonical metrics on holomorphic filtrations over compact Hermitian manifolds. *Communications in Mathematics and Statistics*, 8(2):219–237, June 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00199-y.

Sun:2020:IIN

[187] Yongzhong Sun and Shifang Wang. Inhomogeneous incompressible Navier–Stokes equations on thin domains. *Communications in Mathematics and Statistics*, 8(2):239–253, June 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00202-6.

Bdair:2020:EPF

[188] O. M. Bdair, R. R. Abu Awwad, G. K. Abufoudeh, and M. F. M. Naser. Estimation and prediction for flexible Weibull distribution based on progressive Type II censored data. *Communications in Mathematics and Statistics*, 8(3):255–277, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-00173-0.

Enang:2020:ECC

[189] Ekaette I. Enang and Etebong P. Clement. An efficient class of calibration ratio estimators of domain mean in survey sampling. *Communications in Mathematics and Statistics*, 8(3):279–293, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-00174-z.

Alizadeh:2020:OLL

[190] Morad Alizadeh, Lazhar Benkhelifa, Mahdi Rasekhi, and Bistoon Hosseini. The odd log–logistic generalized Gompertz distribution: Properties, applications and different methods of estimation. *Communications in Mathematics and Statistics*, 8(3):295–317, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-00175-y.

Zhou:2020:MCF

[191] Xuan Zhou, Yuanjia Wang, and Donglin Zeng. Multicategory classification via forward–backward support vector machine. *Communications in Mathematics and Statistics*, 8(3):319–339, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00179-2.

Yuan:2020:DIR

[192] Zijian Yuan, Yanzhi Song, Falai Chen, and Zhouwang Yang. Diamond inclusion reconstruction. *Communications in Mathematics and Statistics*, 8(3):341–359, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00206-2.

Uwitije:2020:NWA

[193] Rongin Uwitije, Xuhui Wang, Ammar Qarariyah, and Jiansong Deng. Nonlinear weighted average and blossoming. *Communications in Mathematics and Statistics*, 8(3):361–378, September 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00208-5; http://link.springer.com/content/pdf/10.1007/s40304-020-00208-5.pdf.

Goard:2020:CFF

[194] Joanna Goard. Closed-form formulae for European options under three-factor models. *Communications in Mathematics and Statistics*, 8(4):379–408, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-018-00176-x.

Alma:2020:ECE

[195] Özlem Gürünlü Alma and Reza Arabi Belaghi. Estimation in the complementary exponential geometric distribution based on progressive Type-II censored data. *Communications in Mathematics and Statistics*, 8(4):409–441, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00181-8.

Saikia:2020:IFC

[196] Nipen Saikia. Infinite families of congruences for 3-regular partitions with distinct odd parts. *Communications in Mathematics and Statistics*, 8(4):443–451, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00182-7.

Suo:2020:QPH

[197] Jingjing Suo. A quasiconcavity property for the heat equation in a convex ring. *Communications in Mathematics and Statistics*, 8(4):453–462, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00207-6.

Xu:2020:WHB

[198] Leiye Xu and Junren Zheng. Weak horseshoe with bounded-gap-hitting times. *Communications in Mathematics and Statistics*, 8(4):463–472, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00209-4.

Ji:2020:CFL

[199] Haoyang Ji and Simin Li. On the combinatorics of Fibonacci-like non-renormalizable maps. *Communications in Mathematics and Statistics*, 8(4):473–496, December 2020. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00210-x; http://link.springer.com/content/pdf/10.1007/s40304-020-00210-x.pdf.

Reyes:2021:MCS

[200] Armando Reyes and Camilo Rodríguez. The McCoy condition on skew Poincaré–Birkhoff–Witt extensions. *Communications in Mathematics and Statistics*, 9(1):1–21, March 2021. CODEN ???? ISSN 2194-6701

(print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00184-5.

Tarvirdizade:2021:NEC

[201] Bahman Tarvirdizade and Mohammad Ahmadpour. A new extension of Chen distribution with applications to lifetime data. *Communications in Mathematics and Statistics*, 9(1):23–38, March 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00185-4.

Mostafanasab:2021:CDC

[202] Hojjat Mostafanasab and Ahmad Yousefian Darani. On cyclic DNA codes over $F_2 + uF_2 + u^2F_2$. *Communications in Mathematics and Statistics*, 9(1):39–52, March 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00188-1.

Yuan:2021:PPP

[203] Zhenfei Yuan and Taizhong Hu. pyvine: The Python package for regular vine copula modeling, sampling and testing. *Communications in Mathematics and Statistics*, 9(1):53–86, March 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-019-00195-2.

Zheng:2021:NPF

[204] Tao Zheng and Xiuyun Guo. The normalizer property for finite groups whose Sylow 2-subgroups are Abelian. *Communications in Mathematics and Statistics*, 9(1):87–99, March 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00211-w.

Huang:2021:LEU

[205] Jiaxi Huang. Local existence and uniqueness of Navier–Stokes–Schrödinger system. *Communications in Mathematics and Statistics*, 9(1):101–118, March 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL http://link.springer.com/article/10.1007/s40304-020-00214-7.

Reyes:2021:RKC

[206] Armando Reyes and Héctor Suárez. Radicals and Köthe's conjecture for skew PBW extensions. *Communications in Mathematics and Statistics*, 9(2):119–138, June 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00189-0.

Ding:2021:NEE

[207] Shu Ding, Yuehua Wu, and Kwok-Wai Tam. Notes on M-estimation in exponential signal models. *Communications in Mathematics and Statistics*, 9(2):139–151, June 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00190-7.

Das:2021:SOR

[208] Sangita Das and Suchandan Kayal. Some ordering results for the Marshall and Olkin's family of distributions. *Communications in Mathematics and Statistics*, 9(2):153–179, June

2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00191-6.

Tsonev:2021:SFG

[209] D. M. Tsonev and R. R. Mesquita. On the spectra of a family of geometric operators evolving with geometric flows. *Communications in Mathematics and Statistics*, 9(2):181–202, June 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00215-6.

Ding:2021:SRJ

[210] Yujia Ding and Qidi Peng. Series representation of jointly $S\alpha S$ distribution via symmetric covariations. *Communications in Mathematics and Statistics*, 9(2):203–238, June 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00216-5.

Fang:2021:CFM

[211] Xingui Fang and Lijian An. A classification of finite metahamiltonian p-groups. *Communications in Mathematics and Statistics*, 9(2):239–260, June 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00229-0.

Wang:2021:BEE

[212] Zhanfeng Wang and Kai Li. Bayesian estimation for the extended t-process regression models with independent errors. *Communications in Mathematics and Statistics*, 9(3):261–272, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00192-5.

Ghezal:2021:QPT

[213] Ahmed Ghezal. QMLE for periodic time-varying asymmetric log GARCH models. *Communications in Mathematics and Statistics*, 9(3):273–297, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00193-4.

Moran-Vasquez:2021:NRT

[214] Raúl Alejandro Morán-Vásquez and Silvia L. P. Ferrari. New results on truncated elliptical distributions. *Communications in Mathematics and Statistics*, 9(3):299–313, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-019-00194-3.

Wu:2021:MLC

[215] Xiaosheng Wu and Pengzhen Yang. The most likely common difference of arithmetic progressions among primes. *Communications in Mathematics and Statistics*, 9(3):315–329, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00218-3.

Chen:2021:EGQ

[216] Peng Chen and Xin Li. Explicit Gaussian quadrature rules for C^1 cubic splines with non-uniform knot sequences. *Communications in Mathematics and Statistics*, 9(3):331–345, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00220-9`.

Lezama:2021:SOP

[217] Oswaldo Lezama. Some open problems in the context of skew *PBW* extensions and semi-graded rings. *Communications in Mathematics and Statistics*, 9(3):347–378, September 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00238-7`.

Bibi:2021:FDE

[218] Abdelouahab Bibi and Fateh Merahi. Frequency-domain estimation of continuous-time bilinear processes. *Communications in Mathematics and Statistics*, 9(4):379–403, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00196-1`.

Bibi:2021:QEA

[219] Abdelouahab Bibi. QML estimation of asymmetric Markov switching GARCH(p, q) processes. *Communications in Mathematics and Statistics*, 9(4):405–438, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00197-0`.

Toulias:2021:IDG

[220] Thomas L. Toulias and Christos P. Kitsos. Information divergence and the generalized normal distribution: a study on symmetricity. *Communications in Mathematics and Statistics*, 9(4):439–465, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00200-8`.

Zhou:2021:SMT

[221] Changliang Zhou and Chunqin Zhou. Singular Moser–Trudinger inequality involving L^n norm in the entire Euclidean space. *Communications in Mathematics and Statistics*, 9(4):467–501, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00227-2`.

Qiu:2021:MMC

[222] Jiahao Qiu and Jianjie Zhao. Multi-dimensional multiplicative combinatorial properties of dynamical syndetic sets. *Communications in Mathematics and Statistics*, 9(4):503–519, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00230-7`.

Li:2021:HAF

[223] Baojun Li and Lü Gong. On f-hypercentral actions of finite group. *Communications in Mathematics and*

Statistics, 9(4):521–533, December 2021. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00232-5`.

Ganesan:2022:MST

[224] Ghurumuruhan Ganesan. Minimum spanning trees across well-connected cities and with location-dependent weights. *Communications in Mathematics and Statistics*, 10(1):1–50, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00201-7`.

Vovan:2022:FTS

[225] Tai Vovan and Thuy Lethithu. A fuzzy time series model based on improved fuzzy function and cluster analysis problem. *Communications in Mathematics and Statistics*, 10(1):51–66, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00203-5`.

Prasad:2022:PCP

[226] Akhilesh Prasad and Manoj Kumar Singh. Product and commutators of pseudo-differential operators involving Fourier–Jacobi transform. *Communications in Mathematics and Statistics*, 10(1):67–84, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00204-4`.

Torkaman:2022:TIS

[227] Parisa Torkaman. Tracking interval to select an optimal model among non-nested copula functions. *Communications in Mathematics and Statistics*, 10(1):85–99, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-019-00205-3`.

Yang:2022:EEA

[228] Saisai Yang, Chen Wang, and Tusheng Zhang. Elliptic equations associated with Brownian motion with singular drift. *Communications in Mathematics and Statistics*, 10(1):101–122, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00213-8`.

Huang:2022:VSH

[229] Xudong Huang, Nana Bao, and Guanpeng Wang. Variable selection in high-dimensional error-in-variables models via controlling the false discovery proportion. *Communications in Mathematics and Statistics*, 10(1):123–151, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00233-4`.

Zhang:2022:GFE

[230] Chi Zhang, Wenbin Guo, and A-Ming Liu. On a generalisation of finite T-groups. *Communications in Mathematics and Statistics*, 10(1):153–162, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

URL https://link.springer.com/article/10.1007/s40304-021-00240-z.

Wang:2022:SDL

[231] He Wang and Juyong Zhang. A survey of deep learning-based mesh processing. *Communications in Mathematics and Statistics*, 10(1):163–194, March 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00246-7.

Kumar:2022:ENF

[232] Abhishek Kumar and Nilam. Effects of nonmonotonic functional responses on a disease transmission model: Modeling and simulation. *Communications in Mathematics and Statistics*, 10(2):195–214, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00217-4.

Gorji:2022:LGT

[233] Hossein Gorji. Logarithmic gradient transformation and chaos expansion of Itô processes. *Communications in Mathematics and Statistics*, 10(2):215–231, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00219-2.

Xiong:2022:MDP

[234] Lanyu Xiong and Fukang Zhu. Minimum density power divergence estimator for negative binomial integer-valued GARCH models. *Communications in Mathematics and Statistics*, 10(2):233–261, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00221-8.

Chen:2022:TDR

[235] Yu Chen, Jiayi Wang, and Weiping Zhang. Tail distortion risk measure for portfolio with multivariate regularly variation. *Communications in Mathematics and Statistics*, 10(2):263–285, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00223-6.

Pan:2022:NBT

[236] Changpeng Pan. A note on Bogomolov-type inequality for semi-stable parabolic Higgs bundles. *Communications in Mathematics and Statistics*, 10(2):287–298, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00231-6.

Lyu:2022:NCC

[237] Weiguo Lyu and Guodong Zhou. The normalized cochain complex of a non-symmetric cyclic operad with multiplication is a Quesney homotopy BV algebra. *Communications in Mathematics and Statistics*, 10(2):299–330, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00234-3.

Yong:2022:UIB

[238] Zhiguo Yong, Hongmei Kang, and Yi Gu. The unimodality of initial B-spline approximations in spline fitting. *Communications in Mathematics and Statistics*, 10(2):331–352, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00235-2`.

Ballester-Bolinches:2022:TFG

[239] A. Ballester-Bolinches and R. Esteban-Romero. Triply factorised groups and the structure of skew left braces. *Communications in Mathematics and Statistics*, 10(2):353–370, June 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00239-6`.

Jost:2022:SGL

[240] Jürgen Jost, Raffaella Mulas, and Florentin Münch. Spectral gap of the largest eigenvalue of the normalized graph Laplacian. *Communications in Mathematics and Statistics*, 10(3):371–381, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00222-7`.

Zhang:2022:REL

[241] Weiping Zhang, Dazhi Zhao, and Yu Chen. Regression estimation for longitudinal data with nonignorable intermittent nonresponse and dropout. *Communications in Mathematics and Statistics*, 10(3):383–411, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00224-5`.

El-Morshedy:2022:EGI

[242] M. El-Morshedy, M. S. Eliwa, A. El-Gohary, Ehab M. Almetwally, and R. El-Desokey. Exponentiated generalized inverse flexible Weibull distribution: Bayesian and non–Bayesian estimation under complete and Type II censored samples with applications. *Communications in Mathematics and Statistics*, 10(3):413–434, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00225-4`.

Guerry:2022:MRE

[243] Marie-Anne Guerry. Matrix roots and embedding conditions for three-state discrete-time Markov chains with complex eigenvalues. *Communications in Mathematics and Statistics*, 10(3):435–450, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-020-00226-3`.

Kadian:2022:JRT

[244] Ratika Kadian and Satish Kumar. Jensen–Renyi's–Tsallis fuzzy divergence information measure with its applications. *Communications in Mathematics and Statistics*, 10(3):451–482, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/`

article/10.1007/s40304-020-00228-1.

Wang:2022:DCB

[245] Fan Wang, Ziyi He, Dachun Yang, and Wen Yuan. Difference characterization of Besov and Triebel–Lizorkin spaces on spaces of homogeneous type. *Communications in Mathematics and Statistics*, 10(3):483–542, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00243-w.

Zheng:2022:ITO

[246] Taining Zheng and Xin Li. Isogeometric topology optimization based on deep learning. *Communications in Mathematics and Statistics*, 10(3):543–564, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00253-8.

Wang:2022:GSP

[247] Zhigang Wang, Jin Guo, Inna N. Safonova, and Alexander N. Skiba. A generalization of σ-permutability. *Communications in Mathematics and Statistics*, 10(3):565–579, September 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00309-3.

Cao:2022:HDT

[248] Mingxiang Cao, Yanling Zhao, Kai Xu, Daojiang He, and Xudong Huang. A high-dimensional test for multivariate analysis of variance under a low-dimensional factor structure. *Communications in Mathematics and Statistics*, 10(4):581–597, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00236-1.

Amoussou:2022:NES

[249] Amour T. Gbaguidi Amoussou, Freedath Djibril Moussa, Carlos Ogouyandjou, and Mamadou Abdoul Diop. Nonparametric estimation for stationary and strongly mixing processes on Riemannian manifolds. *Communications in Mathematics and Statistics*, 10(4):599–621, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-020-00237-0.

Elsawah:2022:DOL

[250] A. M. Elsawah. Designing optimal large four-level experiments: a new technique without recourse to optimization softwares. *Communications in Mathematics and Statistics*, 10(4):623–652, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00241-y.

Kondratev:2022:FNS

[251] A. S. Kondrat'ev and N. A. Minigulov. On finite non-solvable groups whose Gruenberg–Kegel graphs are isomorphic to the paw. *Communications in Mathematics and Statistics*, 10(4):653–667, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.

com/article/10.1007/s40304-021-00242-x.

Liu:2022:EDO

[252] Xin Liu, Rong-Xian Yue, and Kashinath Chatterjee. D-optimal designs for hierarchical linear models with heteroscedastic errors. *Communications in Mathematics and Statistics*, 10 (4):669–679, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00244-9.

Lian:2022:LTM

[253] Zeng Lian and Jianhua Zhang. Livsic theorem for matrix cocycles over an Axiom A flow. *Communications in Mathematics and Statistics*, 10(4):681–704, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00250-x.

Zou:2022:TOO

[254] Xiang Zou, Ke Shi, Hai-Yin Xu, and Hon yuen Tam. Tool orientation optimization based on spatial tractrix method for five-axis CNC machining with ball end cutters. *Communications in Mathematics and Statistics*, 10(4):705–737, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00255-6.

Song:2022:RAE

[255] Ziyan Song. Rigid analytic p-adic Simpson correspondence for line bundles. *Communications in Mathematics and Statistics*, 10(4):739–756, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00256-5.

Cox:2022:BPL

[256] David A. Cox, Sonia Pérez-Díaz, and J. Rafael Sendra. On the base point locus of surface parametrizations: Formulas and consequences. *Communications in Mathematics and Statistics*, 10(4):757–783, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00257-4.

Makhnev:2022:DRG

[257] A. A. Makhnev, Wenbin Guo, and K. S. Efimov. Distance-regular graphs of diameter 3 without triangles with $c_2 = 2$. *Communications in Mathematics and Statistics*, 10(4):785–792, December 2022. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00281-4.

Anonymous:2023:P

[258] Anonymous. Preface. *Communications in Mathematics and Statistics*, 11(1):1–2, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-023-00347-5.

Fan:2023:STT

[259] Yuwei Fan and Lexing Ying. Solving traveltime tomography with deep

learning. *Communications in Mathematics and Statistics*, 11(1):3–19, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00329-z.

Wang:2023:NNB

[260] Min Wang and Jianfeng Lu. Neural network-based variational methods for solving quadratic porous medium equations in high dimensions. *Communications in Mathematics and Statistics*, 11(1):21–57, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-023-00339-5.

Li:2023:LIP

[261] Zhengyi Li, Bin Dong, and Yanli Wang. Learning invariance preserving moment closure model for Boltzmann–BGK equation. *Communications in Mathematics and Statistics*, 11(1):59–101, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00331-5.

Lin:2023:BGL

[262] Guochang Lin, Fukai Chen, Pipi Hu, Xiang Chen, Junqing Chen, Jun Wang, and Zuoqiang Shi. BI-GreenNet: Learning Green's functions by boundary integral network. *Communications in Mathematics and Statistics*, 11(1):103–129, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-023-00338-6.

Zhan:2023:BCI

[263] Zheng Zhan, Ye Zheng, Wenping Wang, and Falai Chen. Boundary correspondence for iso-geometric analysis based on deep learning. *Communications in Mathematics and Statistics*, 11(1):131–150, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-023-00337-7.

Feng:2023:DDG

[264] Wanquan Feng, Hongrui Cai, Junhui Hou, Bailin Deng, and Juyong Zhang. Differentiable deformation graph-based neural non-rigid registration. *Communications in Mathematics and Statistics*, 11(1):151–167, March 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-023-00341-x.

Grechkoseeva:2023:FGI

[265] Maria A. Grechkoseeva, Victor D. Mazurov, Wujie Shi, Andrey V. Vasil'ev, and Nanying Yang. Finite groups isospectral to simple groups. *Communications in Mathematics and Statistics*, 11(2):169–194, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00288-5.

Ringel:2023:SLA

[266] Claus Michael Ringel. The short local algebras of dimension 6 with non-projective reflexive modules. *Commu-*

nications in Mathematics and Statistics, 11(2):195–227, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-023-00343-9`.

Cai:2023:MSF

[267] Chunhao Cai, Qinghua Wang, and Weilin Xiao. Mixed sub-fractional Brownian motion and drift estimation of related Ornstein–Uhlenbeck process. *Communications in Mathematics and Statistics*, 11(2):229–255, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00245-8`.

Zhang:2023:ORL

[268] Yiying Zhang, Yanni Hu, and Peng Zhao. Ordering results on largest order statistics from multiple-outlier gamma variables. *Communications in Mathematics and Statistics*, 11(2):257–282, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00247-6`.

Kumar:2023:QBS

[269] Vikas Kumar and Bhawna Dangi. Quantile-based Shannon entropy for record statistics. *Communications in Mathematics and Statistics*, 11(2):283–306, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00248-5`.

Wang:2023:CPR

[270] Zhanfeng Wang, Yuewen Lv, and Yaohua Wu. Composite T-process regression models. *Communications in Mathematics and Statistics*, 11(2):307–323, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00249-4`.

Bhushan:2023:NCI

[271] Shashi Bhushan and Abhay Pratap Pandey. New chain imputation methods for estimating population mean in the presence of missing data using two auxiliary variables. *Communications in Mathematics and Statistics*, 11(2):325–340, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00251-w`.

Yang:2023:FDE

[272] Jianping Yang, Weiru Chen, and Weiwei Zhuang. Fractional-degree expectation dependence. *Communications in Mathematics and Statistics*, 11(2):341–368, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00252-9`.

Li:2023:NCI

[273] Junjun Li and Wenquan Cui. A new classifier for imbalanced data based on a generalized density ratio model. *Communications in Mathematics and Statistics*, 11(2):369–401, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic).

URL https://link.springer.com/article/10.1007/s40304-021-00254-7.

Liu:2023:SMS

[274] Jingjing Liu, Fang Deng, and Jiansong Deng. Space mapping of spline spaces over hierarchical T-meshes. *Communications in Mathematics and Statistics*, 11(2):403–438, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00258-3.

Qian:2023:TCI

[275] Chao Qian, Zizhou Tang, and Wenjiao Yan. Topology and curvature of isoparametric families in spheres. *Communications in Mathematics and Statistics*, 11(2):439–475, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00259-2.

Bekker:2023:FFM

[276] Andriette Bekker, Farzane Hashemi, and Mohammad Arashi. Flexible factor model for handling missing data in supervised learning. *Communications in Mathematics and Statistics*, 11(2):477–501, June 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00260-9.

Younso:2023:CNN

[277] Ahmad Younso, Ziad Kanaya, and Nour Azhari. Consistency of the k-nearest neighbor classifier for spatially dependent data. *Communications in Mathematics and Statistics*, 11(3):503–518, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00261-8.

Zhang:2023:NFD

[278] Zebao Zhang. A note on the filtered decomposition theorem. *Communications in Mathematics and Statistics*, 11(3):519–539, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00262-7.

Dai:2023:EGC

[279] Yanmin Dai. Explicit generators of the centre of the quantum group. *Communications in Mathematics and Statistics*, 11(3):541–562, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00263-6.

Chen:2023:SPA

[280] Zhen-Qing Chen and Yaozhong Hu. Solvability of parabolic Anderson equation with fractional Gaussian noise. *Communications in Mathematics and Statistics*, 11(3):563–582, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00264-5.

Bao:2023:SSM

[281] Xiaohan Bao, Weihua Tong, and Falai Chen. A spectral segmentation method for large meshes. *Communications*

in Mathematics and Statistics, 11 (3):583–607, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00265-4`.

Du:2023:RBM

[282] Weitao Du and Elton P. Hsu. Reflecting Brownian motion and the Gauss–Bonnet–Chern theorem. *Communications in Mathematics and Statistics*, 11(3):609–627, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00266-3`.

Pu:2023:IEC

[283] Tong Pu, Narayanaswamy Balakrishnan, and Chuancun Yin. An identity for expectations and characteristic function of matrix variate skew-normal distribution with applications to associated stochastic orderings. *Communications in Mathematics and Statistics*, 11(3):629–647, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00267-2`.

Ozen:2023:MSN

[284] Mehmet Özen, Osama A. Naji, Ünsal Tekir, and Suat Koç. On modules satisfying S-Noetherian spectrum condition. *Communications in Mathematics and Statistics*, 11(3):649–662, September 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00268-1`.

Xiong:2023:NGT

[285] Wenjun Xiong, Juan Ding, Wei Zhang, Aiyi Liu, and Qizhai Li. Nested group testing procedure. *Communications in Mathematics and Statistics*, 11(4):663–693, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00269-0`.

Dong:2023:NTR

[286] Liang Dong and Zhishui Hu. The number of triangles in random intersection graphs. *Communications in Mathematics and Statistics*, 11(4):695–725, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00270-7`.

Ke:2023:APP

[287] Jingyao Ke, Bin Xu, and Zhouwang Yang. Area-preserving parameterization with Tutte regularization. *Communications in Mathematics and Statistics*, 11(4):727–740, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00271-6`.

Ghoul:2023:PSO

[288] Abdelhak Ghoul, Mokhtar Hafayed, Imad Eddine Lakhdari, and Shahlar Meherrem. Pointwise second–order necessary conditions for stochastic optimal control with jump diffusions. *Communications in Mathematics and Statistics*, 11(4):741–766, December 2023. CODEN ???? ISSN 2194-

6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00272-5.

Hou:2023:MSN

[289] Songbo Hou. Multiple solutions of a nonlinear biharmonic equation on graphs. *Communications in Mathematics and Statistics*, 11(4):767–774, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00273-4.

Li:2023:NAR

[290] Huiqiong Li, Chenchen Ma, Jianguo Sun, and Niansheng Tang. A new approach for regression analysis of multivariate current status data with informative censoring. *Communications in Mathematics and Statistics*, 11(4):775–794, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00274-3.

Yan:2023:SIS

[291] Han Yan and Dehui Wang. Statistical inference for self-exciting threshold INAR processes with missing values. *Communications in Mathematics and Statistics*, 11(4):795–814, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00275-2.

Chen:2023:HMW

[292] Qun Chen, Kaipeng Li, and Hongbing Qiu. f-harmonic maps within bounded distance from quasi-isometric maps. *Communications in Mathematics and Statistics*, 11(4):815–825, December 2023. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00276-1.

Zhang:2024:WSM

[293] Xicheng Zhang. Weak solutions of McKean–Vlasov SDEs with supercritical drifts. *Communications in Mathematics and Statistics*, 12(1):1–14, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00277-0.

Chen:2024:EFD

[294] Chuanjun Chen and Xiaofeng Yang. Efficient fully discrete spectral-Galerkin scheme for the volume-conserved multi–vesicular phase–field model of lipid vesicles with adhesion potential. *Communications in Mathematics and Statistics*, 12(1):15–43, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00278-z.

Shao:2024:SMI

[295] Changguo Shao and Antonio Beltrán. Second maximal invariant subgroups and solubility of finite groups. *Communications in Mathematics and Statistics*, 12(1):45–54, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-021-00279-y.

Ma:2024:TPP

[296] Hong-Yu Ma, Chun-Ming Yuan, and Li-Yong Shen. Tool path planning with confined scallop height error using optimal connected Fermat spirals. *Communications in Mathematics and Statistics*, 12(1):55–78, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00280-5`.

Huang:2024:LBC

[297] Lihao Huang, Chuanjing Zhang, and Xi Zhang. On the $\partial\bar{\partial}$-lemma and Bott–Chern cohomology with local coefficients. *Communications in Mathematics and Statistics*, 12(1):79–90, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00282-3`.

Sheng:2024:GTT

[298] Mao Sheng and Jinxing Xu. A global Torelli theorem for certain Calabi–Yau threefolds. *Communications in Mathematics and Statistics*, 12(1):91–112, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-021-00283-2`.

Du:2024:IEG

[299] Jierui Du, Yuan Li, and Xia Cui. Identification and estimation of generalized additive partial linear models with nonignorable missing response. *Communications in Mathematics and Statistics*, 12(1):113–156, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00284-9`.

Luo:2024:IRE

[300] Yuxiang Luo, Yang Wei, Zhouping Li, and Bing-Yi Jing. Incorporating relative error criterion to conformal prediction for positive data. *Communications in Mathematics and Statistics*, 12(1):157–186, March 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-023-00360-8`.

Peng:2024:EBM

[301] Yu Peng, Hao Fu, and Tingsong Du. Estimations of bounds on the multiplicative fractional integral inequalities having exponential kernels. *Communications in Mathematics and Statistics*, 12(2):187–211, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00285-8`.

Kumar:2024:PGW

[302] Devendra Kumar, Manoj Kumar, and Jagdish Saran. Power generalized Weibull distribution based on record values and associated inferences with bladder cancer data example. *Communications in Mathematics and Statistics*, 12(2):213–238, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/`

article/10.1007/s40304-022-00286-7.

Duan:2024:PDB

[303] Pingtao Duan, Yuting Liu, and Zhiming Ma. Pricing discrete barrier options under the jump–diffusion model with stochastic volatility and stochastic intensity. *Communications in Mathematics and Statistics*, 12(2):239–263, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00287-6.

Wang:2024:RTR

[304] Xiaochen Wang and Xiaomin Zhou. Relative time-restricted sensitivity and entropy. *Communications in Mathematics and Statistics*, 12(2):265–277, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00289-4.

Yang:2024:HIE

[305] Fen-Fen Yang. Harnack inequalities for G-SDEs with multiplicative noise. *Communications in Mathematics and Statistics*, 12(2):279–305, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00290-x.

Wang:2024:VSD

[306] Haofeng Wang, Xuejun Jiang, Min Zhou, and Jiancheng Jiang. Variable selection for distributed sparse regression under memory constraints. *Communications in Mathematics and Statistics*, 12(2):307–338, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00291-w.

Huang:2024:KEF

[307] Ping Huang, Chenwei Wang, and Ercai Chen. Katok's entropy formula of unstable metric entropy for partially hyperbolic diffeomorphisms. *Communications in Mathematics and Statistics*, 12(2):339–355, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00293-8.

Zhang:2024:FSP

[308] Li-Xin Zhang. Functional Shige Peng's central limit theorems for martingale vectors. *Communications in Mathematics and Statistics*, 12(2):357–383, June 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00294-7.

Jentzen:2024:SOE

[309] Arnulf Jentzen and Adrian Riekert. Strong overall error analysis for the training of artificial neural networks via random initializations. *Communications in Mathematics and Statistics*, 12(3):385–434, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL https://link.springer.com/article/10.1007/s40304-022-00292-9.

Calcagni:2024:ELL

[310] Antonio Calcagnì. Estimating latent linear correlations from fuzzy frequency tables. *Communications in Mathematics and Statistics*, 12(3):435–461, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00295-6`.

Lu:2024:SZD

[311] Lu Lu, Lihua Feng, and Weijun Liu. Signed zero-divisor graphs over commutative rings. *Communications in Mathematics and Statistics*, 12(3):463–477, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00297-4`.

Cao:2024:FDS

[312] Junying Cao, Jun Zhang, and Xiaofeng Yang. Fully-decoupled and second-order time-accurate scheme for the Cahn–Hilliard Ohta–Kawaski phase-field model of diblock copolymer melt confined in Hele–Shaw cell. *Communications in Mathematics and Statistics*, 12(3):479–504, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00298-3`.

Yang:2024:DRS

[313] Yi-Jun Yang, Yu-Ming Zhao, Li-Qun Yang, and Wei Zeng. Diffeomorphic registration of 3D surfaces with point and curve landmarks. *Communications in Mathematics and Statistics*, 12(3):505–522, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00299-2`.

Huang:2024:ACB

[314] Bingru Huang and Falai Chen. An algorithm to compute the μ-bases of rational parametric surfaces with respect to one variable. *Communications in Mathematics and Statistics*, 12(3):523–541, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00300-y`.

Zhu:2024:DMF

[315] Yujian Zhu and Puying Zhao. Diagnostic measures for functional linear model with nonignorable missing responses. *Communications in Mathematics and Statistics*, 12(3):543–562, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00301-x`.

Ballester-Bolinches:2024:SCF

[316] A. Ballester-Bolinches, S. F. Kamornikov, V. Pérez-Calabuig, and V. N. Tyutyanov. On σ-solubility criteria for finite groups. *Communications in Mathematics and Statistics*, 12(3):563–571, September 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00303-9`.

Lin:2024:PEE

[317] Fuming Lin, Yingying Jiang, and Yong Zhou. The k-th power expectile estimation and testing. *Communications in Mathematics and Statistics*, 12(4):573–615, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00302-w`.

Ma:2024:FMN

[318] Shilin Ma and Dafeng Zuo. Frobenius manifolds and a new class of extended affine Weyl groups of A-type (II). *Communications in Mathematics and Statistics*, 12(4):617–632, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00305-7`.

Deng:2024:IAI

[319] Fang Deng, Tianhui Yang, Jingjing Liu, and Jiansong Deng. Isogeometric analysis on implicit domains: Approximation, stability and error estimates. *Communications in Mathematics and Statistics*, 12(4):633–658, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00307-5`.

Wei:2024:ADR

[320] Shaojie Wei, Gaorong Li, and Zhongzhan Zhang. An alternative doubly robust estimation in causal inference model. *Communications in Mathematics and Statistics*, 12(4):659–678, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00308-4`.

Fakhfakh:2024:CSK

[321] Raouf Fakhfakh and Abdelhamid Hassairi. Cauchy–Stieltjes kernel families and free multiplicative convolution. *Communications in Mathematics and Statistics*, 12(4):679–694, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00311-9`.

Eidi:2024:FHG

[322] Marzieh Eidi and Jürgen Jost. Floer homology: From generalized Morse–Smale dynamical systems to Forman's combinatorial vector fields. *Communications in Mathematics and Statistics*, 12(4):695–720, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00314-6`.

Yang:2024:DPF

[323] Quan-Hui Yang and Lilu Zhao. On a discriminator for the polynomial $f(x) = x^3 + x$. *Communications in Mathematics and Statistics*, 12(4):721–734, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00315-5`.

Xu:2024:ECS

[324] Jinyan Xu and Liang Zhao. Existence and convergence of solutions for nonlinear elliptic systems on

graphs. *Communications in Mathematics and Statistics*, 12(4):735–754, ???? 2024. CODEN ???? ISSN 2194-6701 (print), 2194-671X (electronic). URL `https://link.springer.com/article/10.1007/s40304-022-00318-2`.