

A Complete Bibliography of Publications in *Probability Surveys*

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References

Bass:2004:SDE

- [1] Richard F. Bass. Stochastic differential equations with jumps. *Probability Surveys*, 1(??):1–19, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1099928647>.

Roberts:2004:GSS

- [2] Gareth O. Roberts and Jeffrey S. Rosenthal. General state space Markov chains and MCMC algorithms. *Probability Surveys*, 1(??):20–71, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1099928648>.

Guionnet:2004:LDS

- [3] Alice Guionnet. Large deviations and stochastic calculus for large random matrices. *Probability Surveys*, 1(??):72–172, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1099928649>.

Tsirelson:2004:NSF

- [4] Boris Tsirelson. Nonclassical stochastic flows and continuous products. *Probability Surveys*, 1(??):173–298, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1104335300>.

Jones:2004:MCC

- [5] Galin L. Jones. On the Markov chain central limit theorem. *Probability Surveys*, 1(??):299–320, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1104335301>.

Obłój:2004:SEP

- [6] Jan Obłój. The Skorokhod embedding problem and its offspring. *Probability Surveys*, 1(??):321–392, ???? 2004. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1104335302>.

Waymire:2005:PIN

- [7] Edward C. Waymire. Probability & incompressible Navier–Stokes equations: An overview of some recent developments. *Probability Surveys*, 2(??):1–32, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1109608866>.

Hildebrand:2005:SRR

- [8] Martin Hildebrand. A survey of results on random random walks on finite groups. *Probability Surveys*, 2(??):33–63, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1109608867>.

Chatterjee:2005:EPP

- [9] Sourav Chatterjee, Persi Diaconis, and Elizabeth Meckes. Exchangeable pairs and Poisson approximation. *Probability Surveys*, 2(??):64–106, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1109608868>.

Bradley:2005:BPS

- [10] Richard C. Bradley. Basic properties of strong mixing conditions. A survey and some open questions. *Probability Surveys*, 2(??):107–144, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1115386870>.

Werner:2005:CRR

- [11] Wendelin Werner. Conformal restriction and related questions. *Probability Surveys*, 2(??):145–190, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1117553605>.

Bertoin:2005:EFL

- [12] Jean Bertoin and Marc Yor. Exponential functionals of Lévy processes. *Probability Surveys*, 2(??):191–212, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1127136329>.

Borkar:2005:CDP

- [13] Vivek S. Borkar. Controlled diffusion processes. *Probability Surveys*, 2(??):213–244, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1127136330>.

LeGall:2005:RTA

- [14] Jean-François Le Gall. Random trees and applications. *Probability Surveys*, 2(??):245–311, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1132583290>.

Matsumoto:2005:EFBa

- [15] Hiroyuki Matsumoto and Marc Yor. Exponential functionals of Brownian motion, I: Probability laws at fixed time. *Probability Surveys*, 2(??):312–347, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1132583291>.

Matsumoto:2005:EFBb

- [16] Hiroyuki Matsumoto and Marc Yor. Exponential functionals of Brownian motion, II: Some related diffusion processes. *Probability Surveys*, 2(??):348–384, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1132583292>.

Konig:2005:OPE

- [17] Wolfgang König. Orthogonal polynomial ensembles in probability theory. *Probability Surveys*, 2(??):385–447, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1133360670>.

Major:2005:TBM

- [18] Péter Major. Tail behaviour of multiple random integrals and U -statistics. *Probability Surveys*, 2(??):448–505, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1134397603>.

Pham:2005:SRA

- [19] Huyêñ Pham. On some recent aspects of stochastic control and their applications. *Probability Surveys*, 2(??):506–549, ???? 2005. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1135911648>.

Merlevède:2006:RAI

- [20] Florence Merlevède, Magda Peligrad, and Sergey Utev. Recent advances in invariance principles for stationary sequences. *Probability Surveys*, 3(??):1–36, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1137162933>.

Leandre:2006:GBS

- [21] Rémi Léandre. The geometry of Brownian surfaces. *Probability Surveys*, 3(??):37–88, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1145452120>.

Dyer:2006:MCC

- [22] Martin Dyer, Leslie Ann Goldberg, Mark Jerrum, and Russell Martin. Markov chain comparison. *Probability Surveys*, 3(??):89–111, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1145890796>.

Velenik:2006:LDR

- [23] Yvan Velenik. Localization and delocalization of random interfaces. *Probability Surveys*, 3(??):112–169, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1146757332>.

Feyel:2006:RPR

- [24] D. Feyel, A. S. Üstünel, and M. Zakai. The realization of positive random variables via absolutely continuous transformations of measure on Wiener space. *Probability Surveys*, 3(??):170–205, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1146832695>.

Hough:2006:DPI

- [25] J. Ben Hough, Manjunath Krishnapur, Yuval Peres, and Bálint Virág. Determinantal processes and independence. *Probability Surveys*, 3(?):

206–229, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1146832696>.

Kratz:2006:LCO

- [26] Marie F. Kratz. Level crossings and other level functionals of stationary Gaussian processes. *Probability Surveys*, 3(?):230–288, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1166541148>.

Haggstrom:2006:UNU

- [27] Olle Häggström and Johan Jonasson. Uniqueness and non-uniqueness in percolation theory. *Probability Surveys*, 3(?):289–344, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1167536197>.

Nikeghbali:2006:EGT

- [28] Ashkan Nikeghbali. An essay on the general theory of stochastic processes. *Probability Surveys*, 3(?):345–412, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1167752810>.

Lejay:2006:CSB

- [29] Antoine Lejay. On the constructions of the skew Brownian motion. *Probability Surveys*, 3(?):413–466, ???? 2006. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1168268869>.

Pemantle:2007:SRP

- [30] Robin Pemantle. A survey of random processes with reinforcement. *Probability Surveys*, 4(?):1–79, ???? 2007. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1172244137>.

Janson:2007:BEA

- [31] Svante Janson. Brownian excursion area, Wright’s constants in graph enumeration, and other Brownian areas. *Probability Surveys*, 4(?):80–145, ???? 2007. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1178804352>.

Gnedin:2007:NOP

- [32] Alexander Gnedin, Ben Hansen, and Jim Pitman. Notes on the occupancy problem with infinitely many boxes: general asymptotics and power laws. *Probability Surveys*, 4(?):146–171, ???? 2007. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1180728778>.

- delaPena:2007:PMS**
- [33] Victor H. de la Peña, Michael J. Klass, and Tze Leung Lai. Pseudo-maximization and self-normalized processes. *Probability Surveys*, 4(??):172–192, ???? 2007. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1192118046>.
- Pang:2007:MPM**
- [34] Guodong Pang, Rishi Talreja, and Ward Whitt. Martingale proofs of many-server heavy-traffic limits for Markovian queues. *Probability Surveys*, 4(??):193–267, ???? 2007. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1200511983>.
- Whitt:2007:PMF**
- [35] Ward Whitt. Proofs of the martingale FCLT. *Probability Surveys*, 4(??):268–302, ???? 2007. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1198788218>.
- Englander:2007:BDS**
- [36] János Engländer. Branching diffusions, superdiffusions and random media. *Probability Surveys*, 4(??):303–364, ???? 2007. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1200511984>.
- Penrose:2008:ESL**
- [37] Mathew D. Penrose. Existence and spatial limit theorems for lattice and continuum particle systems. *Probability Surveys*, 5(??):1–36, ???? 2008. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1207254889>.
- Darling:2008:DEA**
- [38] R. W. R. Darling and J. R. Norris. Differential equation approximations for Markov chains. *Probability Surveys*, 5(??):37–79, ???? 2008. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1208958281>.
- Austin:2008:ERV**
- [39] Tim Austin. On exchangeable random variables and the statistics of large graphs and hypergraphs. *Probability Surveys*, 5(??):80–145, ???? 2008. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1211574613>.
- Doukhan:2008:NWD**
- [40] Paul Doukhan and Michael H. Neumann. The notion of ψ -weak dependence and its applications to bootstrapping time series. *Probability Sur-*

veys, 5(??):146–168, ???? 2008. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1214491946>.

Bramson:2008:SQN

- [41] Maury Bramson. Stability of queueing networks. *Probability Surveys*, 5(??):169–345, ???? 2008. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1220879338>.

James:2008:GGC

- [42] Lancelot F. James, Bernard Roynette, and Marc Yor. Generalized gamma convolutions, Dirichlet means, Thorin measures, with explicit examples. *Probability Surveys*, 5(??):346–415, ???? 2008. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1223654264>.

Paulsen:2008:RMI

- [43] Jostein Paulsen. Ruin models with investment income. *Probability Surveys*, 5(??):416–434, ???? 2008. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1229524758>.

Privault:2008:SAB

- [44] Nicolas Privault. Stochastic analysis of Bernoulli processes. *Probability Surveys*, 5(??):435–483, ???? 2008. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1230559281>.

Mitzenmacher:2009:SRD

- [45] Michael Mitzenmacher. A survey of results for deletion channels and related synchronization channels. *Probability Surveys*, 6(??):1–33, ???? 2009. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1247144661>.

Brydges:2009:FIR

- [46] David C. Brydges, John Z. Imbrie, and Gordon Slade. Functional integral representations for self-avoiding walk. *Probability Surveys*, 6(??):34–61, ???? 2009. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1249996530>.

Caballero:2009:PLR

- [47] Ma. Emilia Caballero, Amaury Lambert, and Gerónimo Uribe Bravo. Proof(s) of the Lamperti representation of continuous-state branching processes. *Probability Surveys*, 6(??):62–89, ???? 2009. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1259677176>.

Janson:2010:MGT

- [48] Svante Janson. Moments of Gamma type and the Brownian supremum process area. *Probability Surveys*, 7(??):1–52, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1272029738>. See addendum [53].

Buckley:2010:LTD

- [49] F. M. Buckley and P. K. Pollett. Limit theorems for discrete-time metapopulation models. *Probability Surveys*, 7(??):53–83, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1273670365>.

Downarowicz:2010:SES

- [50] Tomasz Downarowicz. Symbolic extensions of smooth interval maps. *Probability Surveys*, 7(??):84–104, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1274198273>.

Gnedin:2010:RRC

- [51] Alexander V. Gnedin. Regeneration in random combinatorial structures. *Probability Surveys*, 7(??):105–156, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1274198274>.

Faris:2010:CCE

- [52] William G. Faris. Combinatorics and cluster expansions. *Probability Surveys*, 7(??):157–206, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1275928347>.

Janson:2010:AMG

- [53] Svante Janson. Addendum to moments of Gamma type and the Brownian supremum process area. *Probability Surveys*, 7(??):207–208, ???? 2010. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1292249775>. See [48].

Berger:2011:BTB

- [54] Arno Berger and Theodore P. Hill. A basic theory of Benford’s Law. *Probability Surveys*, 8(??):1–126, ???? 2011. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1311860830>.

Mazzola:2011:RAC

- [55] E. Mazzola and P. Muliere. Reviewing alternative characterizations of Meixner process. *Probability Surveys*, 8(??):127–154, ???? 2011. CODEN

???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1311860831>.

Sun:2011:CIS

- [56] Nike Sun. Conformally invariant scaling limits in planar critical percolation. *Probability Surveys*, 8(??):155–209, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1319806861>.

Ross:2011:FSM

- [57] Nathan Ross. Fundamentals of Stein’s method. *Probability Surveys*, 8(??):210–293, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1319806862>.

Biskup:2011:RPR

- [58] Marek Biskup. Recent progress on the Random Conductance Model. *Probability Surveys*, 8(??):294–373, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1325264815>.

Dubedat:2011:TAS

- [59] Julien Dubédat. Topics on abelian spin models and related problems. *Probability Surveys*, 8(??):374–402, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1325264816>.

Grimmett:2011:TTD

- [60] Geoffrey Grimmett. Three theorems in discrete random geometry. *Probability Surveys*, 8(??):403–441, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1325264817>. See erratum [70].

Lawler:2011:SLS

- [61] Gregory F. Lawler. Scaling limits and the Schramm–Loewner evolution. *Probability Surveys*, 8(??):442–495, ???? 2011. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1325264818>.

Bordenave:2012:ACL

- [62] Charles Bordenave and Djalil Chafaï. Around the circular law. *Probability Surveys*, 9(??):1–89, ???? 2012. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1325604980>.

Aldous:2012:LAP

- [63] David Aldous and Daniel Lanoue. A lecture on the averaging process. *Probability Surveys*, 9(??):90–102, ???? 2012. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1327328305>.

- Janson:2012:SGT**
- [64] Svante Janson. Simply generated trees, conditioned Galton–Watson trees, random allocations and condensation. *Probability Surveys*, 9(??):103–252, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1331216239>.
- Hirsch:2012:TCM**
- [65] Francis Hirsch and Marc Yor. On temporally completely monotone functions for Markov processes. *Probability Surveys*, 9(??):253–286, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1336658304>.
- Bingham:2012:STP**
- [66] N. H. Bingham. Szegő’s theorem and its probabilistic descendants. *Probability Surveys*, 9(??):287–324, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1343047754>.
- Bingham:2012:MPM**
- [67] N. H. Bingham. Multivariate prediction and matrix Szegő theory. *Probability Surveys*, 9(??):325–339, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1343047755>.
- Meleard:2012:QSD**
- [68] Sylvie Méléard and Denis Villemonais. Quasi-stationary distributions and population processes. *Probability Surveys*, 9(??):340–410, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1350047379>.
- Vakeroudis:2012:BIL**
- [69] Stavros Vakeroudis. Bougerol’s identity in law and extensions. *Probability Surveys*, 9(??):411–437, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1352385533>.
- Grimmett:2012:ETT**
- [70] Geoffrey Grimmett. Erratum: Three theorems in discrete random geometry. *Probability Surveys*, 9(??):438, ???? 2012. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1352903647>. See [60].
- Mason:2012:QCI**
- [71] David M. Mason and Harrison H. Zhou. Quantile coupling inequalities and their applications. *Probability Surveys*, 9(??):439–479, ???? 2012. CODEN

???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1354125785>.

Beffara:2013:PPG

- [72] Vincent Beffara and Hugo Duminil-Copin. Planar percolation with a glimpse of Schramm–Loewner evolution. *Probability Surveys*, 10(?):1–50, ???? 2013. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1379686423>.

Alexanderian:2013:SMV

- [73] Alen Alexanderian. On spectral methods for variance based sensitivity analysis. *Probability Surveys*, 10(?):51–68, ???? 2013. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1385129850>.

Shao:2013:SNL

- [74] Qi-Man Shao and Qiyong Wang. Self-normalized limit theorems: A survey. *Probability Surveys*, 10(?):69–93, ???? 2013. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1385665279>.

Borodin:2014:IPR

- [75] Alexei Borodin and Leonid Petrov. Integrable probability: From representation theory to Macdonald processes. *Probability Surveys*, 11(?):1–58, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1395076923>.

Jansen:2014:NDM

- [76] Sabine Jansen and Noemi Kurt. On the notion(s) of duality for Markov processes. *Probability Surveys*, 11(?):59–120, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1398778562>.

Kargin:2014:SPZ

- [77] Vladislav Kargin. Statistical properties of zeta functions’ zeros. *Probability Surveys*, 11(?):121–160, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1404393850>.

Koudou:2014:CGL

- [78] Angelo Efoévi Koudou and Christophe Ley. Characterizations of GIG laws: A survey. *Probability Surveys*, 11(?):161–176, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1405603141>.

Chen:2014:DSD

- [79] Louis H. Y. Chen, Hsien-Kuei Hwang, and Vytas Zacharovas. Distribution of the sum-of-digits function of random integers: A survey. *Probability Surveys*, 11(??):177–236, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1412947841>.

Leonard:2014:RPM

- [80] Christian Léonard, Sylvie Roelly, and Jean-Claude Zambrini. Reciprocal processes. A measure-theoretical point of view. *Probability Surveys*, 11(??):237–269, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1412947842>.

Lindskog:2014:RVM

- [81] Filip Lindskog, Sidney I. Resnick, and Joyjit Roy. Regularly varying measures on metric spaces: Hidden regular variation and hidden jumps. *Probability Surveys*, 11(??):270–314, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1413896892>.

Rhodes:2014:GMC

- [82] Rémi Rhodes and Vincent Vargas. Gaussian multiplicative chaos and applications: A review. *Probability Surveys*, 11(??):315–392, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1415023603>.

Ginovyan:2014:TPT

- [83] Mamikon S. Ginovyan, Artur A. Sahakyan, and Murad S. Taqqu. The trace problem for Toeplitz matrices and operators and its impact in probability. *Probability Surveys*, 11(??):393–440, ???? 2014. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1417528609>.

Yano:2015:ATE

- [84] Kouji Yano and Marc Yor. Around Tsirelson’s equation, or: The evolution process may not explain everything. *Probability Surveys*, 12(??):1–12, ???? 2015. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1437497795>.

Wang:2015:COQ

- [85] Ruodu Wang. Current open questions in complete mixability. *Probability Surveys*, 12(??):13–32, ???? 2015. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1440075824>.

Applebaum:2015:IDO

- [86] David Applebaum. Infinite dimensional Ornstein–Uhlenbeck processes driven by Lévy processes. *Probability Surveys*, 12(?):33–54, ???? 2015. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1440075825>.

Wu:2015:CRB

- [87] Hao Wu. Conformal restriction and Brownian motion. *Probability Surveys*, 12(?):55–103, ???? 2015. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1444653628>.

Lodhia:2016:FGF

- [88] Asad Lodhia, Scott Sheffield, Xin Sun, and Samuel S. Watson. Fractional Gaussian fields: A survey. *Probability Surveys*, 13(?):1–56, ???? 2016. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1456149586>.

Bobkov:2016:HMI

- [89] Sergey G. Bobkov and James Melbourne. Hyperbolic measures on infinite dimensional spaces. *Probability Surveys*, 13(?):57–88, ???? 2016. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1465321421>.

Kuba:2016:MSM

- [90] Markus Kuba and Alois Panholzer. On moment sequences and mixed Poisson distributions. *Probability Surveys*, 13(?):89–155, ???? 2016. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1474374818>.

Astrauskas:2016:EVD

- [91] Arvydas Astrauskas. From extreme values of i.i.d. random fields to extreme eigenvalues of finite-volume Anderson Hamiltonian. *Probability Surveys*, 13(?):156–244, ???? 2016. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1476369041>.

Ley:2017:SMC

- [92] Christophe Ley, Gesine Reinert, and Yvik Swan. Stein’s method for comparison of univariate distributions. *Probability Surveys*, 14(?):1–52, ???? 2017. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1483952471>.

- Holmgren:2017:FTC**
- [93] Cecilia Holmgren and Svante Janso. Fringe trees, Crump–Mode–Jagers branching processes and m -ary search trees. *Probability Surveys*, 14(??):53–154, ???? 2017. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1490169611>.
- Mossel:2017:OED**
- [94] Elchanan Mossel and Omer Tamuz. Opinion exchange dynamics. *Probability Surveys*, 14:155–204, 2017. CODEN ???? ISSN 1549-5787.
- Hammond:2017:CDP**
- [95] Alan Hammond. Coagulation and diffusion: A probabilistic perspective on the Smoluchowski PDE. *Probability Surveys*, 14:205–288, 2017. CODEN ???? ISSN 1549-5787.
- Ibragimov:2017:CLM**
- [96] Rustam Ibragimov and George Lentzas. Copulas and long memory. *Probability Surveys*, 14:289–327, 2017. CODEN ???? ISSN 1549-5787.
- Ferrari:2018:THU**
- [97] Pablo A. Ferrari. TASEP hydrodynamics using microscopic characteristics. *Probability Surveys*, 15:1–27, 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1519722018>.
- Lawler:2018:TLM**
- [98] Gregory F. Lawler. Topics in loop measures and the loop-erased walk. *Probability Surveys*, 15(??):28–101, ???? 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1520326908>.
- Duminil-Copin:2018:BAS**
- [99] Hugo Duminil-Copin, Maxime Gagnebin, Matan Harel, Ioan Manolescu, and Vincent Tassion. The Bethe ansatz for the six-vertex and XXZ models: An exposition. *Probability Surveys*, 15(??):102–130, ???? 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1521079210>.
- Limic:2018:EUD**
- [100] Vlada Limic and Nedzad Limić. Equidistribution, uniform distribution: a probabilist’s perspective. *Probability Surveys*, 15(??):131–155, ???? 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1524556822>.

Labbe:2018:SLW

- [101] Cyril Labb . On the scaling limits of weakly asymmetric bridges. *Probability Surveys*, 15(??):156–242, ???? 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1537408916>.

Jarai:2018:SM

- [102] Antal A. J rai. Sandpile models. *Probability Surveys*, 15(??):243–306, ???? 2018. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1537776024>.

Arratia:2019:SBO

- [103] Richard Arratia, Larry Goldstein, and Fred Kochman. Size bias for one and all. *Probability Surveys*, 16(??):1–61, ???? 2019. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1546657438>.

Viitasaari:2019:NSC

- [104] Lauri Viitasaari. Necessary and sufficient conditions for limit theorems for quadratic variations of Gaussian sequences. *Probability Surveys*, 16(??):62–98, ???? 2019. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1559289658>.

Salins:2019:ECB

- [105] Michael Salins. Equivalences and counterexamples between several definitions of the uniform large deviations principle. *Probability Surveys*, 16(??):99–142, ???? 2019. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1559289659>.

Landim:2019:MMC

- [106] Claudio Landim. Metastable Markov chains. *Probability Surveys*, 16(??):143–227, ???? 2019. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1560153809>.

Novak:2019:PA

- [107] S. Y. Novak. Poisson approximation. *Probability Surveys*, 16(??):228–276, ???? 2019. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/euclid.ps/1565748164>.

Robert:2019:MMG

- [108] Philippe Robert. Mathematical models of gene expression. *Probability Surveys*, 16(??):277–332, ???? 2019. CODEN ???? ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1572509200>.

Kovchegov:2020:RSS

- [109] Yevgeniy Kovchegov and Ilya Zaliapin. Random self-similar trees: A mathematical theory of Horton laws. *Probability Surveys*, 17(??):1–213, ???? 2020. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1582340412>.

Goldenshluger:2020:UAS

- [110] Alexander Goldenshluger, Yaakov Malinovsky, and Assaf Zeevi. A unified approach for solving sequential selection problems. *Probability Surveys*, 17(??):214–256, ???? 2020. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1587974426>.

Howard:2020:TUC

- [111] Steven R. Howard, Aaditya Ramdas, Jon McAuliffe, and Jasjeet Sekhon. Time-uniform Chernoff bounds via nonnegative supermartingales. *Probability Surveys*, 17(??):257–317, ???? 2020. CODEN ????. ISSN 1549-5787. URL <http://projecteuclid.org/euclid.ps/1589940218>.