

# A Complete Bibliography of Publications in *Probability Surveys*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

22 March 2023  
Version 1.15

## Title word cross-reference

*m* [93]. *Z<sup>d</sup>* [113]. *ψ* [40]. *U* [18].

**-ary** [93]. **-statistics** [18]. **-weak** [40].

**abelian** [59]. **absolutely** [24]. **Activated** [113]. **Addendum** [53, 121].  
**advances** [20]. **algebraic** [133]. **algorithms** [118, 2]. **allocations** [64].  
**alternative** [55]. **analysis** [73, 44]. **Anderson** [91]. **ansatz** [99].  
**applications** [117, 40, 122, 14, 134, 71, 19, 82]. **approach** [123, 110, 132].  
**approximation** [128, 9, 127, 107, 121, 124]. **approximations** [38]. **area**  
[31, 53, 48]. **areas** [31]. **ary** [93]. **aspects** [19, 120]. **associated** [131].  
**asymmetric** [101]. **asymptotics** [32]. **averaging** [63]. **avoiding** [46].

**based** [73]. **Basic** [10, 54]. **behaviour** [18]. **Benford** [54]. **Bernoulli** [44].  
**Bethe** [99]. **between** [105]. **bias** [103]. **bodies** [124]. **boolean** [130].

**bootstrapping** [40]. **Bougerol** [69]. **bounds** [111]. **boxes** [32]. **Branching** [36, 47, 93]. **bridges** [116, 101]. **Brownian** [31, 53, 48, 21, 29, 15, 16, 87]. **BRS** [117]. **BRS-inequality** [117].

**calculus** [3]. **Cauchy** [130]. **central** [5]. **chain** [22, 5]. **chains** [38, 106, 2]. **channels** [45]. **chaos** [82]. **characteristics** [97, 136, 114]. **Characterizations** [78, 55]. **Chernoff** [111]. **circular** [62]. **classifying** [118]. **cluster** [52]. **Coagulation** [95]. **combinatorial** [51]. **Combinatorics** [52]. **comparison** [22, 92]. **complete** [85]. **completely** [65]. **Compound** [128]. **condensation** [64]. **conditioned** [64]. **Conditions** [10, 104]. **Conductance** [58]. **Conformal** [11, 87]. **Conformally** [56]. **constants** [31]. **constructions** [29]. **continuous** [47, 24, 4]. **continuous-state** [47]. **continuum** [134, 37]. **control** [19, 131]. **Controlled** [13]. **convex** [124]. **Convolutions** [42, 130, 125]. **Copulas** [96]. **cosmology** [134]. **counterexamples** [105]. **coupling** [71]. **critical** [56]. **crossings** [26]. **Crump** [93]. **cumulants** [127]. **Current** [85].

**definitions** [105]. **deletion** [45]. **delocalization** [23]. **dependence** [40]. **descendants** [66]. **Determinantal** [25]. **developments** [7]. **deviations** [3, 105, 129]. **Differential** [38, 1]. **diffusion** [13, 95, 116, 16]. **diffusions** [36]. **digits** [79]. **dimensional** [86, 89, 116]. **Dirichlet** [42]. **discrete** [49, 60, 70, 112]. **discrete-time** [49]. **Distribution** [79, 100]. **distributions** [90, 92, 68, 132]. **divisible** [120]. **driven** [86]. **duality** [76]. **dynamics** [94].

**effects** [130]. **eigenvalues** [91]. **embedding** [6]. **ensembles** [17]. **enumeration** [31]. **equation** [38, 84]. **equations** [1, 138, 136, 7]. **Equidistribution** [100]. **Equivalences** [105]. **erased** [98]. **Erratum** [70]. **essay** [28]. **everything** [84]. **evolution** [72, 61, 84]. **evolutions** [129]. **exact** [137]. **examples** [42]. **exchange** [94]. **Exchangeable** [9, 39, 115]. **excursion** [31]. **Existence** [37]. **expansions** [52]. **explain** [84]. **explicit** [42]. **Exponential** [12, 15, 16]. **exposition** [99]. **expression** [108]. **extendibility** [115]. **extensions** [50, 69]. **extreme** [91].

**families** [130]. **FCLT** [35]. **fields** [91, 88, 134]. **finance** [119]. **finite** [91, 8]. **finite-volume** [91]. **fixed** [15]. **Floating** [124]. **flows** [4]. **fluctuation** [137]. **formulas** [137]. **Fractional** [88]. **fragmentation** [138]. **free** [130]. **Fringe** [93]. **function** [79, 77]. **Functional** [46, 126]. **functionals** [12, 122, 26, 15, 16]. **functions** [65]. **Fundamentals** [57].

**Galton** [64]. **Gamma** [42, 53, 48]. **Gaussian** [26, 88, 82, 104]. **gene** [108]. **General** [2, 32, 28]. **Generalized** [42]. **generated** [64]. **Geometry** [131, 60, 70, 21]. **GIG** [78]. **glimpse** [72]. **graph** [31]. **graphs** [39]. **groups** [8].

**Hamiltonian** [91]. **heavy** [34]. **heavy-traffic** [34]. **Hidden** [81].  
**homogeneous** [135]. **Horton** [109]. **hydrodynamics** [97]. **Hyperbolic** [89].  
**hypergraphs** [39]. **hypoelliptic** [136].

**i.i.d** [91]. **identity** [69]. **II** [16]. **impact** [83]. **income** [43]. **incompressible** [7]. **Independence** [25]. **inequalities** [71]. **inequality** [117]. **Infinite** [86, 125, 89, 115]. **infinitely** [32, 120]. **information** [131]. **integers** [135, 79]. **Integrable** [75]. **integral** [46]. **integrals** [18]. **interfaces** [23]. **interval** [50]. **invariance** [20]. **invariant** [56]. **investment** [43]. **Ito** [119].

**Jagers** [93]. **jumps** [1, 81].

**Kernel** [130]. **KPZ** [133].

**Lamperti** [47]. **Large** [3, 129, 39, 105]. **last** [123]. **lattice** [37]. **law** [62, 69, 54]. **laws** [32, 78, 109, 15, 120]. **lecture** [63]. **Level** [26]. **Lévy** [86, 12, 119]. **like** [112]. **Limit** [49, 122, 5, 37, 74, 104]. **Limits** [112, 101, 61, 34, 56]. **linear** [136]. **Local** [114]. **Localization** [23]. **Loewner** [72, 61, 129]. **long** [96]. **loop** [98]. **loop-erased** [98].

**Macdonald** [75]. **many** [32, 34]. **many-server** [34]. **maps** [50]. **Markov** [38, 22, 65, 76, 5, 106, 2]. **Markovian** [34]. **Martingale** [34, 35]. **martingales** [114]. **Mathematical** [108, 109]. **matrices** [83, 3]. **matrix** [67, 139, 137]. **maximization** [33]. **maximum** [116]. **may** [84]. **MCMC** [2]. **meanders** [116]. **means** [42]. **measure** [24, 80]. **measure-theoretical** [80]. **measures** [89, 42, 98, 81, 131, 125]. **media** [36]. **Meixner** [55]. **memory** [96]. **metapopulation** [49]. **Metastable** [106]. **method** [127, 136, 92, 57, 132]. **methods** [73, 139]. **metric** [81]. **microscopic** [97]. **mixability** [85]. **mixed** [90]. **Mixing** [10]. **Mode** [93]. **Model** [58]. **models** [119, 49, 59, 99, 102, 43, 108]. **moment** [90]. **Moments** [53, 48]. **monotone** [65]. **motion** [29, 15, 16, 87]. **multiple** [18]. **multiplicative** [82]. **Multivariate** [67].

**Navier** [7]. **Necessary** [104]. **networks** [41]. **noise** [120]. **non** [27]. **non-uniqueness** [27]. **Nonclassical** [4]. **nonnegative** [111]. **normal** [127]. **normalized** [74, 33]. **Notes** [32]. **notion** [40, 76]. **Numerical** [120].

**occupancy** [32]. **offspring** [6]. **one** [103, 116]. **one-dimensional** [116]. **Open** [10, 85]. **operators** [83]. **Opinion** [94]. **order** [136]. **Ornstein** [86]. **Orthogonal** [17]. **oscillating** [135]. **other** [31, 26]. **overview** [7].

**pairs** [9]. **particle** [37]. **passage** [123]. **PDE** [95]. **percolation** [72, 123, 27, 56]. **perspective** [95, 100]. **physics** [134]. **place** [116]. **Planar** [72, 56]. **point** [80]. **Poisson** [128, 9, 90, 107, 121]. **Polish** [125]. **polynomial**

[17]. **polytopes** [124]. **population** [68]. **positive** [24]. **power** [32]. **predicting** [118]. **Prediction** [126, 67]. **principle** [105]. **principles** [20]. **probabilist** [100]. **Probabilistic** [138, 66, 95]. **Probability** [15, 7, 75, 83, 17, 125]. **problem** [83, 32, 115, 6]. **problems** [59, 110]. **process** [63, 53, 48, 55, 84]. **Processes** [25, 86, 12, 13, 75, 47, 122, 65, 93, 76, 26, 80, 16, 68, 118, 28, 30, 44, 120, 33]. **products** [4]. **progress** [58]. **Proof** [47, 139]. **Proofs** [35, 34]. **Properties** [10, 77]. **Pseudo** [33]. **Pseudo-maximization** [33]. **quadratic** [122, 104]. **Quantile** [71]. **Quasi** [68]. **Quasi-stationary** [68]. **Questions** [10, 85, 11]. **queueing** [41]. **queues** [34]. **Random** [109, 14, 113, 91, 39, 135, 79, 36, 24, 139, 137, 51, 60, 70, 3, 8, 64, 115, 18, 134, 30, 112, 23, 58]. **real** [115]. **real-valued** [115]. **realization** [24]. **Reciprocal** [80]. **Regeneration** [51]. **regular** [81]. **Regularly** [81]. **reinforcement** [30]. **related** [59, 16, 45, 11, 120]. **representation** [75, 47, 120]. **representations** [46, 138]. **restriction** [11, 87]. **results** [137, 8, 45]. **review** [137, 82]. **Reviewing** [55]. **RSK** [123]. **Ruin** [43]. **s** [47, 76]. **Sandpile** [102]. **Scaling** [61, 101, 56]. **Schramm** [72, 61, 129]. **search** [93]. **second** [136]. **second-order** [136]. **selection** [110]. **Self** [74, 46, 109, 33]. **self-avoiding** [46]. **Self-normalized** [74, 33]. **self-similar** [109]. **semigroups** [125]. **sensitivity** [73]. **sequences** [90, 20, 104]. **sequential** [110]. **series** [126, 40]. **server** [34]. **several** [105]. **shot** [120]. **similar** [109]. **Simply** [64]. **six** [99]. **six-vertex** [99]. **Size** [103]. **skew** [29]. **Skorokhod** [6]. **Smoluchowski** [95]. **smooth** [50]. **solving** [110]. **Some** [10, 16, 133, 19, 7]. **space** [24, 2]. **spaces** [89, 81]. **spatial** [37]. **spectral** [73]. **spin** [59]. **spinor** [134]. **spinor-valued** [134]. **Stability** [41]. **stable** [132]. **state** [47, 2]. **stationary** [126, 122, 26, 68, 20, 118]. **Statistical** [77]. **statistics** [39, 18]. **Stein** [92, 57, 132]. **Stieltjes** [130]. **Stochastic** [1, 44, 136, 3, 28, 19, 131, 4]. **Stokes** [7]. **strategic** [131]. **Strong** [10]. **structures** [51, 131, 112, 133]. **sufficient** [104]. **sum** [79]. **sum-of-digits** [79]. **superdiffusions** [36]. **supermartingales** [111]. **supremum** [53, 48]. **surfaces** [21]. **Survey** [10, 79, 130, 8, 78, 88, 45, 30, 74, 129]. **Symbolic** [50]. **synchronization** [45]. **systems** [37]. **Szegő** [67, 66]. **Tail** [18]. **tangency** [114]. **TASEP** [97]. **temporally** [65]. **Tensor** [134]. **Tensor-** [134]. **their** [71, 19]. **theorem** [66, 5]. **theorems** [49, 122, 60, 70, 37, 74, 104]. **theoretical** [80]. **theory** [54, 67, 126, 75, 139, 137, 27, 17, 109, 28]. **Thorin** [42]. **Three** [60, 70]. **Time** [111, 116, 126, 49, 40, 15]. **Time-uniform** [111]. **Toeplitz** [83, 122]. **Toeplitz-type** [122]. **Topics** [59, 98]. **topologies** [131]. **trace** [83]. **traffic** [34]. **transformations** [24]. **tree** [112]. **tree-like** [112]. **trees** [93, 64, 109, 14]. **Tsirelson** [84]. **type** [122, 53, 48].

**Uhlenbeck** [86]. **unified** [123, 110, 132]. **uniform** [111, 100, 105].

**Uniqueness** [27]. **univariate** [92]. **universal** [118]. **universality** [133].

**using** [97].

**valued** [115, 134, 114]. **values** [91]. **variables** [39, 24]. **variance** [73].

**variation** [81]. **variations** [104]. **varying** [81]. **vector** [114]. **vector-valued** [114]. **vectors** [115]. **vertex** [99]. **via** [24, 111]. **view** [80]. **volume** [91].

**walk** [46, 98]. **Walks** [113, 135, 8]. **Watson** [64]. **weak** [40]. **weakly** [101].

**Wiener** [24]. **Wright** [31].

**XXZ** [99].

**zeros** [77]. **zeta** [77].

## 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>.

**Obloj: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  $\psi$ -weak dependence and its applications to bootstrapping time series. *Probability Surveys*, 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>.

- [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>. Dubédat:2011:TAS
- [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]. Grimmett:2011:TTD
- [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>. Lawler:2011:SLS
- [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>. Bordenave:2012:ACL
- [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>. Aldous:2012:LAP
- [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>. Janson:2012:SGT
- [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>. Hirsch:2012:TCM
- [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:STP

**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 Qiying 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 Rœlly, 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. *Probab-*

- bility 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>.

**Stufler:2020:LRT**

- [112] Benedikt Stufler. Limits of random tree-like discrete structures. *Probability Surveys*, 17(??):318–477, ???? 2020. CODEN ???? ISSN 1549-5787.

URL <https://projecteuclid.org/journals/probability-surveys/volume-17/issue-none/Limits-of-random-tree-like-discrete-structures/10.1214/19-PS338.full>.

**Rolla:2020:ARW**

- [113] Leonardo T. Rolla. Activated random walks on  $Z^d$ . *Probability Surveys*, 17(??):478–544, ???? 2020. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-17/issue-none/Activated-Random-Walks-on-mathbbZd/10.1214/19-PS339.full>.

**Yaroslavtsev:2020:LCT**

- [114] Ivan S. Yaroslavtsev. Local characteristics and tangency of vector-valued martingales. *Probability Surveys*, 17(??):545–676, ???? 2020. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-17/issue-none/Local-characteristics-and-tangency-of-vector-valued-martingales/10.1214/19-PS337.full>.

**Mai:2020:IEP**

- [115] Jan-Frederik Mai. The infinite extendibility problem for exchangeable real-valued random vectors. *Probability Surveys*, 17(??):677–753, ???? 2020. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-17/issue-none/The-infinite-extendibility-problem-for-exchangeable-real-valued-random-vectors/10.1214/19-PS336.full>.

**Khanfir:2021:TPM**

- [116] Robin Khanfir. Time and place of the maximum for one-dimensional diffusion bridges and meanders. *Probability Surveys*, 18(??):1–43, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/Time-and-place-of-the-maximum-for-one-dimensional-diffusion/10.1214/18-PS312.full>.

**Bruss:2021:BIA**

- [117] F. Thomas Bruss. The BRS-inequality and its applications. *Probability Surveys*, 18(??):44–76, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/The-BRS-inequality-and-its-applications/10.1214/20-PS351.full>.

**Morvai:2021:UAC**

- [118] Gusztav Morvai and Benjamin Weiss. On universal algorithms for classifying and predicting stationary processes. *Probability Surveys*, 18(??):77–131, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/On-universal-algorithms-for-classifying-and-predicting-stationary-processes/10.1214/20-PS345.full>.

**Bouzianis:2021:LIM**

- [119] George Bouzianis, Lane P. Hughston, Sebastian Jaimungal, and Leandro Sanchez-Betancourt. Levy-Ito models in finance. *Probability Surveys*, 18(??):132–178, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/L%c3%a9vy-Ito-models-in-finance/10.1214/21-PS1.full>.

**Yuan:2021:NAS**

- [120] Sida Yuan and Reiichiro Kawai. Numerical aspects of shot noise representation of infinitely divisible laws and related processes. *Probability Surveys*, 18(??):201–271, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/Numerical-aspects-of-shot-noise-representation-of-infinitely-divisible-laws/10.1214/20-PS359.full>.

**Novak:2021:PAA**

- [121] S. Y. Novak. Poisson approximation. addendum. *Probability Surveys*, 18(??):272–275, ???? 2021. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-18/issue-none/Poisson-approximation-Addendum/10.1214/21-PS2.full>.

**Ginovyan:2022:LT**

- [122] Mamikon S. Ginovyan and Murad S. Taqqu. Limit theorems for Toeplitz-type quadratic functionals of stationary processes and applications. *Probability Surveys*, 19(??):1–64, ???? 2022. CODEN ????. ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Limit-theorems-for-Toeplitz-type-quadratic-functionals-of-stationary-processes/10.1214/21-PS3.full>.

**Dauvergne:2022:RLP**

- [123] Duncan Dauvergne, Mihai Nica, and Balint Virag. RSK in last passage percolation: a unified approach. *Probability Surveys*, 19(??):65–112, ???? 2022.

2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/RSK-in-last-passage-percolation-a-unified-approach/10.1214/22-PS4.full>.
- Werner:2022:FBA**
- [124] Elisabeth M. Werner. Floating bodies and approximation of convex bodies by polytopes. *Probability Surveys*, 19(??):113–128, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Floating-bodies-and-approximation-of-convex-bodies-by-polytopes/10.1214/22-PS5.full>.
- Yano:2022:ICP**
- [125] Kouji Yano. Infinite convolutions of probability measures on Polish semigroups. *Probability Surveys*, 19(??):129–159, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Infinite-convolutions-of-probability-measures-on-Polish-semigroups/10.1214/22-PS6.full>.
- Bingham:2022:PTS**
- [126] N. H. Bingham. Prediction theory for stationary functional time series. *Probability Surveys*, 19(??):160–184, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Prediction-theory-for-stationary-functional-time-series/10.1214/20-PS360.full>.
- Döring:2022:MCN**
- [127] Hanna Döring, Sabine Jansen, and Kristina Schubert. The method of cumulants for the normal approximation. *Probability Surveys*, 19(??):185–270, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/The-method-of-cumulants-for-the-normal-approximation/10.1214/22-PS7.full>.
- Cekanavicius:2022:CPA**
- [128] V. Cekanavicius and S. Y. Novak. Compound Poisson approximation. *Probability Surveys*, 19(??):271–350, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Compound-Poisson-approximation/10.1214/22-PS8.full>.
- Wang:2022:LDS**
- [129] Yilin Wang. Large deviations of Schramm–Loewner evolutions: a survey. *Probability Surveys*, 19(??):351–403, ???? 2022. CO-

- DEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Large-deviations-of-Schramm-Loewner-evolutions-A-survey/10.1214/22-PS9.full>.
- Fakhfakh:2022:SEF**
- [130] Raouf Fakhfakh. A survey on the effects of free and boolean convolutions on Cauchy-Stieltjes kernel families. *Probability Surveys*, 19(??):404–449, ???? 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/A-survey-on-the-effects-of-free-and-boolean-convolutions/10.1214/22-PS10.full>.
- Saldi:2022:GIS**
- [131] Naci Saldi and Serdar Yüksel. Geometry of information structures, strategic measures and associated stochastic control topologies. *Probability Surveys*, 19(??):450–532, 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Geometry-of-information-structures-strategic-measures-and-associated-stochastic-control/10.1214/20-PS356.full>.
- Upadhye:2022:UAS**
- [132] Neelesh S. Upadhye and Kalyan Barman. A unified approach to Stein’s method for stable distributions. *Probability Surveys*, 19(??):533–589, 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/A-unified-approach-to-Steins-method-for-stable-distributions/10.1214/20-PS354.full>.
- Zygouras:2022:SAS**
- [133] Nikos Zygouras. Some algebraic structures in KPZ universality. *Probability Surveys*, 19(??):590–700, 2022. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-19/issue-none/Some-algebraic-structures-in-KPZ-universality/10.1214/19-PS335.full>.
- Malyarenko:2023:TSV**
- [134] Anatoliy Malyarenko and Martin Ostoja-Starzewski. Tensor- and spinor-valued random fields with applications to continuum physics and cosmology. *Probability Surveys*, 20(??):1–86, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/Tensor--and-spinor-valued-random-fields-with-applications-to/10.1214/22-PS12.full>.

**Bremont:2023:HOR**

- [135] Julien Brémont. On homogeneous and oscillating random walks on the integers. *Probability Surveys*, 20(??):87–112, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/On-homogeneous-and-oscillating-random-walks-on-the-integers/10.1214/23-PS13.full>.

**Foldes:2023:MSC**

- [136] Juraj Földes and David P. Herzog. The method of stochastic characteristics for linear second-order hypoelliptic equations. *Probability Surveys*, 20(??):113–169, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/The-method-of-stochastic-characteristics-for-linear-second-order-hypoelliptic/10.1214/22-PS11.full>.

**Forrester:2023:RER**

- [137] Peter J. Forrester. A review of exact results for fluctuation formulas in random matrix theory. *Probability Surveys*, 20(??):170–225, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/A-review-of-exact-results-for-fluctuation-formulas-in-random/10.1214/23-PS15.full>.

**Deaconu:2023:PRF**

- [138] Madalina Deaconu and Antoine Lejay. Probabilistic representations of fragmentation equations. *Probability Surveys*, 20(??):226–290, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/Probabilistic-representations-of-fragmentation-equations/10.1214/23-PS14.full>.

**Fleermann:2023:PMR**

- [139] Michael Fleermann and Werner Kirsch. Proof methods in random matrix theory. *Probability Surveys*, 20(??):291–381, 2023. CODEN ???? ISSN 1549-5787. URL <https://projecteuclid.org/journals/probability-surveys/volume-20/issue-none/Proof-methods-in-random-matrix-theory/10.1214/23-PS16.full>.