## List of publications

## Jeffrey E. Steif

- A Characterization of Competition Graphs of Arbitrary Digraphs, (with Fred S. Roberts), Discrete Applied Mathematics Journal, 6, (1983), 323–326.
- [2] The Frame Dimension and the Complete Overlap Dimension of a Graph, Journal of Graph Theory, 9, (1985), 285–299.
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- [4]  $\overline{d}$ -Convergence to Equilibrium and Space-Time Bernoullicity for Spin Systems in the  $M < \epsilon$ Case, Ergodic Theory and Dynamical Systems, **11**, Part 3, (1991), 547–575.
- [5] Some Rigorous Results for the Greenberg-Hastings Model, (with Richard Durrett), Journal of Theoretical Probability, 4, No. 4, (1991), 669–690.
- [6] Fixation Results for Threshold Voter Systems, (with Richard Durrett), Annals of Probability, 21, No. 1, (1993), 232–247.
- [7] An Application of the Very Weak Bernoulli Condition for Amenable Groups, (with Scot Adams), Pacific Mathematical Journal, 159, No. 1, (1993), 1–17.
- [8] Nonuniqueness of Measures of Maximal Entropy for Subshifts of Finite Type, (with Robert Burton), Ergodic Theory and Dynamical Systems, 14, Part 2, (1994), 213–235.
- [9] Percolation and the Hard-Core Lattice Gas Model, (with Jacob van den Berg), Stochastic Processes and Their Applications, 49, No. 2, (1994), 179–197.
- [10] The Threshold Voter Automaton at a Critical Point, Annals of Probability, 22, No. 3, (1994), 1121-1139.
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- [16] Some 2-d Symbolic Dynamical Systems: Entropy and Mixing, (with Robert Burton), Ergodic Theory and Dynamical Systems (with applications to Z<sup>n</sup>-actions, number theory, statistical mechanics, and algebra), eds. Pollicott, M. and Schmidt, K., Cambridge University Press, (1996), 297–305.
- [17] On the continuity of the critical value for long range percolation in the exponential case, (with Ronald Meester), *Communications in Mathematical Physics*, **180**, (1996), 483–504.

- [18] Consistent Estimation of Joint Distributions for Sufficiently Mixing Random Fields, Annals of Statistics, 25, (1997), 293–304.
- [19] On K-Automorphisms, Bernoulli Shifts and Markov Random Fields, (with Frank den Hollander), Ergodic Theory and Dynamical Systems, 17, Part 2, (1997), 405–415.
- [20] Dynamical Percolation, (with Olle Häggström and Yuval Peres), Annales Institut Henri Poincare, Probabilites et Statistiques, 33, Part 4, (1997), 497–528.
- [21] Mixing properties of the generalized T, T<sup>-1</sup>-process, (with Frank den Hollander), Journal d'Analyse Mathématique, 72, (1997), 165–202.
- [22] Coupling Surfaces and Weak Bernoulli in One and Higher Dimensions, (with Robert Burton), Advances in Mathematics, 132, Part 1, (1997), 1–23.
- [23] The Number of Infinite Clusters in Dynamical Percolation, (with Yuval Peres), Probability Theory and Related Fields, 111, Part 1, (1998), 141–165.
- [24] Consistent estimation of percolation quantities, (with Ronald Meester), Statistica Neerlandica, 52, (1998), 226–238.
- [25] Amenability and phase transition in the Ising model, (with Johan Jonasson), Journal of Theoretical Probability, 12, (1999), 549–559.
- [26] On the equivalence of certain ergodic properties for Gibbs states, (with Frank den Hollander), Ergodic Theory and Dynamical Systems, 20, (2000), 231–239.
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- [28] Robust Phase Transitions for Heisenberg and Other Models on General Trees, (with Robin Pemantle), Annals of Probability, 27, (1999), 876-912.
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- [30] The Ising Model on Diluted Graphs and Strong Amenability, (with Olle Häggström and Roberto Schonmann), Annals of Probability, 28, (2000), 1111–1137.
- [31] Higher-dimensional subshifts of finite type, factor maps and measures of maximal entropy, (with Ronald Meester) *Pacific Mathematical Journal*, **200**, (2001), 497–510.
- [32] The  $T, T^{-1}$ -process, finitary codings and weak Bernoulli. Israel Journal of Mathematics, **125**, (2001), 29–43.
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- [39] Bad Configurations for Random Walk in Random Scenery and Related Subshifts, (with Frank den Hollander and Peter van der Wal), Stochastic Processes and their Applications, 115, (2005), 1209–1232.
- [40] Stochastic Domination: The Contact Process, Ising models and FKG Measures, (with Thomas M. Liggett), Annales Institut Henri Poincare, Probabilites et Statistiques, 42, (2006), 223–243.
- [41] Non-interactive correlation distillation, inhomogeneous Markov chains, and the reverse Bonami-Beckner inequality, (with Elchanan Mossel, Ryan O'Donnell, Oded Regev, and Benny Sudakov), Israel Journal of Mathematics, 154, (2006), 299-336.
- [42] Refinements of stochastic domination (with Erik Broman and Olle Häggström), Probability Theory and Related Fields, 136, (2006), 587–603.
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- [65] A few surprising integrals (with Malin Palö Forsström), Statistics and Probability Letters, 157, (2020), 108635.
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- [70] Noise Sensitivity and Stability of Deep Neural Networks for Binary Classification (with Johan Jonasson and Olof Zetterqvist), Stochastic Processes and Their Applications, 165, (2023), 130-167.

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- [72] A new framework for identifying most reliable graphs and a correction to the  $K_{3,3}$ -theorem (with Lorents Landgren), submitted.
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