Probability Theory of Phase Transitions

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Published

1. *G. R. Grimmett*, Percolation and Disordered Systems, *Ecole d'Eté de Probabilités de Saint Flour* XXVI–1996, ed. P. Bernard, Lecture Notes in Mathematics no. 1665 (1997), 153–300, Springer-Verlag, Berlin.

2. *G. R. Grimmett*, *M. Piza*, Decay of correlations in subcritical Potts and random-cluster models, *Communications in Mathematical Physics* 189 (1997) 465–480.

3. *M. Piza*, Directed polymers in a random environment: some results on fluctuations, *Journal of Statistical Physics* 89 (1997) 581–603.

4. J. van den Berg, *G. R. Grimmett*, R. Schinazi, Dependent random graphs and spatial epidemics, *Annals of Applied Probability* 8 (1998) 317–336.

5. C. Bezuidenhout, *G. R. Grimmett*, A. Löffler, Percolation and minimal spanning trees, *Journal of Statistical Physics* 92 (1998) 1–34.

6. *G. R. Grimmett*, *A. M. Stacey*, Critical probabilities for site and bond percolation models, *Annals of Probability* 26 (1998) 1788–1812.

7. C. Bezuidenhout, *G. R. Grimmett*, A central limit theorem for random walks in random labyrinths, *Annales de l'Institut Henri Poincaré, Probabilités et Statistiques* 35 (1999) 631–683.

8. *G. R. Grimmett*, Inequalities and entanglements for percolation and random-cluster models, in *Perplexing problems in Probability, Festschrift in Honor of Harry Kesten*, ed. M. Bramson and R. Durrett, 1999, 91–106, Birkhäuser.

9. *G. R. Grimmett*, Stochastic pin-ball, in *Random Walks and Discrete Potential Theory*, ed. M. Picardello and W. Woess, Cambridge University Press, 1999, 205–213.

10. *G. R. Grimmett*, *Percolation*, 2nd edn, 'Grundlehren der Mathematischen Wissenschaften' no. 321, Springer-Verlag, Heidelberg, 1999, 444 pp.

11. *A. M. Stacey*, Searches on a random tree with random edge-weights, *Combinatorics, Probability, and Computing* 8 (1999) 555–565.

12. P. Balister, B. Bollobas, *A. M. Stacey*, A model for dependent percolation, *Probability Theory and Related Fields* 17 (2000) 495–514.

To appear

13. R. Pemantle, *A. M. Stacey*, The branching random walk and contact process on Galton–Watson and non-homogeneous trees.

14. *A. M. Stacey*, The contact process on finite homogeneous trees, *Probability Theory and Related Fields*.

15. *G. R. Grimmett*, Percolation, in *Development of Mathematics 1950–2000*, Birkhäuser, 2000.

16. *G. R. Grimmett*, A. E. Holroyd, Entanglement in percolation, *Proceedings of the London Mathematical Society*.

17. *G. R. Grimmett*, Conformal invariance, droplets, and entanglement, 2000, van Zwet Festschrift.

18. *G. R. Grimmett*, Randomly oriented lattices, *Random Structures and Algorithms*.

In preparation

19. *A. M. Stacey*, Partial immunization processes.

20. *A. M. Stacey*, Modified branching random walks and amenability.

Associated publications

21. *A. E. Holroyd*, Existence and uniqueness of infinite components in generic rigidity percolation, *Annals of Applied Probablity* 8 (1998) 944–973.

22. *A. E. Holroyd*, Existence of a phase transition for entanglement percolation, *Mathematical Proceedings of the Cambridge Philosophical Socety* 129 (2000) 231–251

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