List of Publications

Roberto H. Schonmann

(1) J.F.Perez, R.H.Schonmann: On the global character of some local equilibrium conditions - a remark on metastability. Journal of Statistical Physics **28**, 479-485 (1982).

(2) R.H.Schonmann: Metastability for the contact process. Journal of Statistical Physics **41**, 445-464 (1985).

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(4) R.H.Schonmann, M.E.Vares: The survival of the large dimensional basic contact process. Probability Theory and Related Fields **72**, 387-393 (1986).

(5) R.H.Schonmann: A new proof of the complete convergence theorem for contact processes in several dimensions with large infection parameter. The Annals of Probability **15**, 382-387 (1987).

(6) R.H.Schonmann: Absence of a stationary distribution for the edge process of subcritical oriented percolation in two dimensions. The Annals of Probability **15**, 1146-1147 (1987).

(7) R.H.Schonmann: The asymmetric contact process. Journal of Statistical Physics **44**, 505-534 (1986).

(8) J.L.Lebowitz, R.H.Schonmann: Pseudo free energies and large deviations for non-Gibbsian FKG measures. Probability Theory and Related Fields **77**, 49-64 (1988).

(9) R.Durrett, R.H.Schonmann: Stochastic growth models. in *Percolation Theory and Ergodic Theory of Infinite Particle Systems.* The IMA volumes in mathematics and its applications, vol. 8, H.Kesten, ed. (Springer Verlag, 1987), pp. 85-119.

(10) R.H.Schonmann: A new look at contact processes in several dimensions. in *Percolation Theory and Ergodic Theory of Infinite Particle Systems.* The IMA volumes in mathematics and its applications, vol. 8, H.Kesten, ed. (Springer Verlag, 1987), pp. 245-250.

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(14) R.Durrett, R.H.Schonmann: Large deviations for the contact process and two dimensional percolation. Probability Theory and Related Fields **77**, 583-603 (1988).

(15) R.H.Schonmann: Second order large deviation estimates for ferromagnetic systems in the phase coexistence region. Communications in Mathematical Physics

112, 409-422 (1987).
(16) J.T.Chayes, L.Chayes, R.H.Schonmann: Exponential decay of connectivities in the two dimensional Ising model. Journal of Statistical Physics **49**, 433-445 (1987).
(17) R.H.Schonmann: Projections of Gibbs measures may be non-Gibbsian. Communications in Mathematical Physics **124**, 1-7 (1989).
(18) J.T.Chayes, L.Chayes, G.Grimmett, H.Kesten, R.H.Schonmann: The correlation length of the high density phase of Bernoulli percolation. The Annals of Probability **17**, 1277-1302 (1989).
(19) R.H.Schonmann: Exponential convergence under mixing. Probability Theory and Related Fields **81**, 235-238 (1989).
(20) R.H.Schonmann: On two correlation inequalities for Potts models. Journal of Statistical Physics **52**, 61-67 (1988).
(21) R.Durrett, R.H.Schonmann, N.I.Tanaka: The contact process on a finite set III. The critical case. The Annals of Probability **17**, 1303-1321 (1989).
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(27) R.H.Schonmann: On the behavior of some cellular automata related to bootstrap percolation. The Annals of Probability **20**, 174-193 (1992).
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(30) R.H.Schonmann, N.I.Tanaka: One-dimensional caricature of phase transition. Journal of Statistical Physics **61**, 241-252 (1990). Errata published in Journal of Statistical Physics **64**, 477 (1991).
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