PUBLICATION LIST OF RICHARD S. ELLIS


(49) An Overview of the Theory of Large Deviations and Applications to Statistical Mechanics. *Scandinavian Actuarial Journal*, Number 1, pages 97–142 (1995). This paper was solicited for this special memorial volume commemorating the centennial of the birth of the Swedish mathematician Harald Cramér, who was the editor of the journal for many years.


**ACCEPTED FOR PUBLICATION**

**SUBMITTED FOR PUBLICATION**

(80) Large Deviation Analysis of a Droplet Model Having a Poisson Equilibrium Distribution” (with Shlomo Ta’asan). 66-page Latex manuscript. Submitted to *Journal of Statistical Physics*
IN PREPARATION


(82) “Large Deviations for Empirical Pairwise Displacement Measures” (with Shlomo Ta’anason)

OTHER MATHEMATICAL WORK


(2) *Large Deviations and Applications to Statistical Mechanics*. Lecture notes for an invited postgraduate course (Troisième Cycle de la Physique) at Université de Lausanne, Lausanne, Switzerland, June 27–July 15, 1988.

(3) *A Weak Convergence Approach to the Theory of Large Deviations* (with Paul Dupuis). Preprint #93-6, Lefschetz Center for Dynamical Systems, Brown University, 1993. This 285-page manuscript was a preliminary version of our book noted in item (52).


(6) *The Theory of Large Deviations and Applications to Statistical Mechanics*. Lecture notes for three lectures given August 5–8, 2008 at École d’Été de Physique Théorique in Les Houches, France during the August 2008 summer school devoted to long-range, interacting systems (123 pages).

(7) Refined Asymptotics of the Finite-Size Magnetization via a New Conditional Limit Theorem for the Spin (with Jingran Li). 78-page Latex manuscript. This

(8) “Detailed Large Deviation Analysis of a Droplet Model Having a Poisson Equilibrium Distribution” (with Shlomo Ta’asan), 83-page Latex manuscript, posted at http://arxiv.org/abs/1405.5091. This is a companion paper to the paper listed in item (80). That paper omits a number of routine proofs, which are given with full details in this companion paper. The companion paper also contains additional background information.

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