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*edited by*  
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Proceedings of the Symposium on Applied Probability, Sheffield, August 1989. The purpose of the Sheffield Symposium on Applied Probability was to focus attention on some of the prominent directions in applied probability. This volume contains several major papers covering models in epidemiology, genetics, random fields, branching processes, random walks, directed polymers and evolution time-scales. The reader will find a broad array of interesting problems discussed in the eighteen technical articles included in this volume.

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