

Probability

During the period of the existence of IM-AGIMB, research in the area of Probability has greatly advanced in Brazil in various theoretical topics and applications, in special statistical mechanics. It deserves to be mentioned the success obtained in the study of disordered systems, in particular in the treatment of random walks in random environments, and growth models out of equilibrium, as well as in the hydro-dynamical description of particle systems, perfect simulation, convergence of random trees to structures such as the Brownian web, interfaces of competition, besides applications to linguistics. The role of IM-AGIMB has been critical to such a success. It has promoted a number of high level scientific meetings, as well as research projects arising from scientific cooperation within the country and with foreign partners. In particular, the interchange with colleagues from Latin America has greatly intensified. Another key fact has been the promotion of an intense participation of Ph.D. students and young Post-Doctoral researchers in all the activities, resulting in an enlargement of the research community.