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 Phase changes in random recursive structures and algorithms; 1. Phase changes related to the Poisson distribution; 2. Phase changes related to Quicksort; 3. Conclusions; References
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 Optimal consumption and portfolio in a market where the volatility is driven by fractional Brownian motion; 1. Introduction; 2. General Results; 3. Some Particular Utility Functions; 4. Conclusion; References
 MLE for change-point in ARMA-GARCH models with a changing drift

Sommario/riassunto

This workshop was the first of its kind in bringing together researchers in probability theory, stochastic processes, insurance and finance from mainland China, Taiwan, Hong Kong, Singapore, Australia and the United States. In particular, as China has joined the WTO, there is a growing demand for expertise in actuarial sciences and quantitative finance. The strong probability research and graduate education programs in many of China's universities can be enriched by their outreach in fields that are of growing importance to the country's expanding economy, and the workshop and its proceedings