MOMENT ESTIMATION FOR STATIONARY POINT PROCESSES IN $\mathbb{R}^d$

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ABSTRACT

In this paper, we collect some results on the statistical analysis of moments of stationary point processes. We do not advance any new material, but try to bring together some important elements of the theory. The reader is referred to the original publications for complete proofs and explanations.

Key words: spatial point processes, Brillinger-mixing, moment, cumulant, asymptotic statistic.