Some Properties of Poisson-Laguerre Tessellation

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Abstract

Random tessellations form a popular family of models used in a variety of fields. The object of our research is the Poisson–Laguerre tessellation, i. e. a random Laguerre tessellation whose generator is a stationary Poisson marked point process. In this contribution, we will discuss several properties of this model while considering the setting with bounded and also unbounded marks.