ABSENCE OF PERCOLATION FOR STOPPED GERM-GRAIN MODELS

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We will talk about the non-existence of infinite cluster in a family of random "out degree 1" graph built on a Poisson point process in $\mathbb{R}^d$. We will present two assumptions such that, each geometric "out degree 1" graph satisfying these two rules does not admit an infinite cluster with probability 1. We will focus on a "growth segment model" defined by Guenter Last, wich is an example of "out degree 1" graph sastisfying our two assumptions.