

Natural Parametrization for the Scaling Limit of Loop-Erased Random Walk in Three Dimensions

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In this talk, I will talk about some recent progress on loop-erased random walk (LERW), a model that plays a central role in statistic physics. I will focus on the case of three dimensions and talk about its convergence in natural parametrization to its scaling limit. This is joint work with Daisuke Shiraishi (Kyoto).