A probabilistic proof of a weak limit law for the number of cuts needed to isolate the root of a random recursive tree

Alex Iksanov, *National Taras Shevchenko University of Kiev*
Martin Möhle, *University of Tuebingen*

Abstract

We present a short probabilistic proof of a weak convergence result for the number of cuts needed to isolate the root of a random recursive tree. The proof is based on a coupling related to a certain random walk.

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