

Retraction of: The speed of a biased random walk on a Galton-Watson tree is analytic*

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Abstract

An erratum for the paper is given.

Keywords: Galton-Watson tree; biased random walks; speed; analytic.

MSC2020 subject classifications: Primary 60J80, Secondary 60K37; 60J10; 05C81.

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The proofs of Theorem 1.1 and Lemma 3.1 use compact convergence of analytic functions to prove analyticity of the limiting function. Such an argument only holds for complex analytic functions and therefore the argument is insufficient to deduce the aforementioned results.

*Retracted article: <https://doi.org/10.1214/20-ECP344>.

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