

THE ASYMPTOTIC SHAPE OF THE BRANCHING RANDOM WALK – CORRIGENDUM

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The argument presented just after Equation (3.4) in this paper contains a consequential error that undermines the approach taken to the upper bound on the shape. The author acknowledged the error and provided a correct approach to the upper bound in [2] and had used a correct argument earlier, in [1]. Relevant results are also given in [3, Section 4.2].

References

- BIGGINS, J. D. (1976). Asymptotic properties of the branching random walk. D. Phil. Thesis; University of Oxford.
- [2] BIGGINS, J. D. (1980). Spatial spread in branching processes. *In Biological Growth and Spread: Mathematical Theories and Applications*. (Eds. W. Jäger, H. Rost, P. Tautu). Springer Berlin, Heidelberg. 57–67.
- [3] BIGGINS, J. D. (1997). How fast does a general branching random walk spread?. In Classical and Modern Branching Processes. (Eds. K. B. Athreya, P. Jagers). Springer New York, NY. 19–39.

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