

Discussiones Mathematicae
Probability and Statistics 37 (2017) 57–58
 doi:10.7151/dmps.1193

SOME REMARKS ON THE LAW OF THE ITERATED LOGARITHM TYPE RESULTS FOR RANDOM POLYNOMIALS ON THE UNIT CIRCLE

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Abstract

We consider a complex random polynomials with independent and identically uniformly distributed random roots on the unit circle. For these random polynomials we prove some law iterated logarithm type results.

Keywords: random polynomial on the unit circle, log magnitude, strong convergence, LIL type theorems.

2010 Mathematics Subject Classification: 60F15.

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Received 25 November 2016

Accepted 29 June 2017