Corrigendum

Corrigendum to “Zero distributions for discrete orthogonal polynomials”

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Theorem 7.1 of the paper is incorrect as stated. The assumption (ii) on page 266 should be changed as follows:

(ii) \( \eta_{k,N}^{1/n} - e^{-2\phi(z_{k,N})} \to 0 \)
uniformly for \( k \) in \( \{ k : z_{k,N} \in K \} \) for every compact subset \( K \) of \( \Lambda \), and there exists \( C > 0 \) such that
\( \eta_{k,N}^{1/n} \leq Ce^{-2\phi(z_{k,N})} \)
for all \( k, n \) and \( N \). Here \( \phi \) is a continuous function on \( \Lambda \) such that \( \phi(x) \geq c|x|^\alpha \) for some \( c, \alpha < 0 \) and \( x \in \Lambda \) large enough.

The authors are grateful to Bernhard Beckermann for pointing out the error, and for suggesting the additional condition \( \eta_{k,N}^{1/n} \leq C\exp(-2\phi(z_{k,N})) \). The rest of the paper is not affected by the error.

The authors also note that the Conjectures 2 and 3 on p. 269 were recently solved by Beckermann [1].

Reference

[1] B. Beckermann, On a conjecture of E.A. Rakhmanov, manuscript.

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