ZEROS OF SECTIONS OF THE BINOMIAL EXPANSION[*]

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Dedicated to Richard S. Varga, on the occasion of his 80th birthday.

Abstract. We examine the asymptotic behavior of the zeros of sections of the binomial expansion, that is, we consider the distribution of zeros of $B_{r,n}(z) = \sum_{k=0}^{r} \binom{n}{k} z^k$, where $1 \le r \le n$.

Key words. Binomial expansion, partial sums, zeros.

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