
Zbl 234.33014
Erdős, Paul
On the distribution of the roots of orthogonal polynomials. (In English)
Proc. Conf. construct. Theory Functions (Approximation Theory) 1969, 145- 150 (1972).

[For the entire collection see Zbl 226.00009.]
Let $-\infty < x < \infty$, $p(x)$ be a positive weight function satisfying for every $\epsilon > 0$ and $x > x_0(\epsilon)$

$$p(x(1+\epsilon)) < (p(x))^2.$$

Then the roots of the polynomials orthogonal with respect to $p(x)$ are uniformly distributed in a certain sense. — Several related problems are discussed.

Classification:
33C25 Orthogonal polynomials and functions

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