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The Turán-type inequalities for complex polynomials in L_0 -metrics. (English. Russian original)

[Zbl 1158.41303](#)

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Summary: We obtain inequalities for measures of trigonometric polynomials of power ($P_n(e^{i\varphi})$) and general ($T_n(t)$) types with the help of measures and their m th derivatives.

MSC:

41A17 Inequalities in approximation (Bernstein, Jackson, Nikol'skiĭ-type inequalities)

30C10 Polynomials and rational functions of one complex variable

Keywords:

the Turán-type inequalities; L_0 -metrics

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