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**Abstract:** In this paper we consider a class of polynomials  $p(z) = a_0 + \sum_{v=1}^n a_v z^v$ ,  $\forall \rho \geq 1$ , not vanishing in  $|z| < k$ ,  $k \geq 1$  and investigate the dependence of  $\max_{|z|=k} |p(Rz) - p(z)|$  on  $\max_{|z|=k} |p(z)|$ . Our result not only generalizes some polynomial inequalities, but also a variety of interesting results can be deduced from it by a fairly uniform procedure.

**Key Words:** Polynomial, Zeros, Inequalities.

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