1014-41-1297 **Q I Rahman** and **Q M Tariq*** (`tqazi@vsu.edu`), Department of Mathematics & Computer Science, Petersburg, VA 23806. *An inequality for a class of almost periodic entire functions.* Preliminary report.

Let $f(z) := \sum_{\nu=0}^{n} c_\nu z^\nu$ be a polynomial of degree at most n such that $f(z) \equiv z^n f(1/z)$. It was proved by N.K. Govil and D.H. Vetterlein that if the coefficients $c_0, \ldots, c_n$ lie in a sector of opening γ, where $0 \leq \gamma \leq 2\pi/3$, and $|f(z)| \leq 1$ on the unit circle, then on the same circle $|f'(z)| \leq (n/2) \cos(\gamma/2)$. We propose an extension of this result to almost periodic (transcendental) entire functions. (Received September 27, 2005)