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Tariq M Qazi*, Department of Mathematics & Computer Science, Virginia State University, Petersburg, VA 23806. **Mean value of entire functions of exponential type**. Preliminary report.

Let f be an entire function of exponential type τ . From the Bernstein's inequality, we know that $|f'(x)| \leq M\tau$ if $|f(x)| \leq M$ on the real axis. The p^{th} mean of f on a horizontal line is defined by $M^p(x+iy) := \limsup_{T \rightarrow \infty} (1/T) \int_{-T}^T |f(x+iy)|^p dx$. Harvey [A. R. HARVEY, *The mean of a function of exponential type*, American Journal of Mathematics **70** (1948), 181–202] proved the analogue of Bernstein's inequality for entire functions of exponential type with bounded mean. We will discuss the refinement of Harvey's result for entire function of exponential type f such that $f(z) \equiv e^{i\tau z} f(-z)$ under certain restriction on its zeros. (Received September 16, 2013)