1020-42-277 **George C. Stey***, Mathematics Building, 121A, The Ohio State University, 231 West 18th Ave., Columbus, OH 43210. *Behavior of the Sum of the Absolute Values of the Bessel Functions.*

It is shown that

$$\lim_{0<|x|\to\infty} \sum_{k=-\infty}^{\infty} |J_k(x)|/\sqrt{(|x|)} = 16/(\Gamma(1/4))^2,$$

where J_k is the k-th order Bessel function of the first kind and Γ is the gamma function. (Received August 31, 2006)