

Qi, Feng; Guo, Sen-Lin**Inequalities for the incomplete gamma and related functions.** (English) Zbl 0916.33001
Math. Inequal. Appl. 2, No. 1, 47-53 (1999).

The authors offer lower and upper estimates for $\int_0^x e^{t^p} dt$ and for the similar function with $-t^p$ in the exponent, furthermore examples showing that these are not comparable to those found by *H. Alzer* (Math.Comp. 66, 771-778 (1997; Zbl 0865.33002)).

Reviewer: [Johann Aczél \(Waterloo/Ontario\)](#)**MSC:**

- 33B20** Incomplete beta and gamma functions (error functions, probability integral, Fresnel integrals) Cited in **12** Documents
- 26D07** Inequalities involving other types of functions
- 26D15** Inequalities for sums, series and integrals

Keywords:

inequalities; estimates; incomplete gamma function; error function; convex functions

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