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**Title:** Sharp exponential Redheffer-type inequalities for Bessel functions

**Author(s):** Árpád Baricz and Shanhe Wu

By using some known results on the zeros of Bessel functions of the first kind sharp exponential Redheffer-type inequalities are established for Bessel and modified Bessel functions of the first kind. The results presented in this paper extend and improve the other known results in the literature.

**Address:**

Árpád Baricz  
Babeş-Bolyai University  
Faculty of Economics  
400591 Cluj-Napoca  
Romania

**Address:**

Shanhe Wu  
Department of Mathematics  
Longyan College  
Longyan, Fujian 364012  
People's Republic of China