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## SOME BOUNDING INEQUALITIES FOR THE JACOBI AND RELATED FUNCTIONS

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*This paper is dedicated to Professor Themistocles Michael Rassias.*

Submitted by G. M. Milovanović

ABSTRACT. The main object of this paper is to present several bounding inequalities for the *classical* Jacobi function of the first kind. A number of closely-related inequalities for such other special functions as the *classical* Laguerre function are also considered.

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