

Volume 7, Issue 1, Article 16

	Inequalities Involving a Logarithmically Convex Function and Their Applications to Special Functions
Authors:	Edward Neuman,
Keywords:	Logarithmically convex functions, inequalities, gamma function, Riemann's zeta function, complete elliptic integrals of the first kind.
Date Received:	29/10/05
Date Accepted:	09/11/05
Subject Codes:	Pri: 26D07, 26D20. Sec: 33B15, 11M06, 33
Editors:	Themistocles M. Rassias,
Abstract:	It has been shown that if f is a differentiable, logarithmically convex function
	on nonnegative semi-axis, then the function $ [f(x)]^a/f(ax)$, ($a\geq 1$) is
	decreasing on its domain. Applications to inequalities involving gamma function, Riemann's zeta function, and the complete elliptic integrals of the first kind are included.



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