

Jensen's Inequality and M-Convex Functions

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Abstract : In this paper, we generalized the Jensen's inequality for m-convex functions and also we present a correction of Jensen's inequality which is a better than the generalization of this inequality for m-convex functions. Finally, we have found new lower and new upper bounds for Jensen's discrete inequality.

Keywords : Jensen's inequality, m-convex function, Convex function, Inequality

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