

# Estimating an Enlargement of one reversed Jensen's Inequality

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## Abstract

In [1] authors gave an extension of Diaz-Metcalf's inequality for concave functions. Authors in [3] have obtained its restatement in the shape of an reversed Jensen's inequality for a concave function of two variables. In [2], the sequence of inequalities which includes McShane's generalization of Jensen's inequality for normalized isotonic positive linear functional and convex (concave) function defined on a rectangle is provided.

As natural enlargement, we have considered the concave function of three bounded variables defined on a parallelepiped and estimate the reverse McShane type inequality for normalized isotonic positive linear functional.

## References

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