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## On an Inequality of V. Csiszár and T.F. Móri for Concave Functions of Two Variables

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**Abstract:** V. Csiszár and T.F. Móri gave an extension of Diaz-Metcalf's inequality for concave functions. In this paper, we show its restatement. As its applications we first give a reverse inequality of Hölder's inequality. Next we consider two variable versions of Hadamard, Petrović and Giaccardi inequalities.



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