ON SOME INEQUALITIES RELATED TO HEINZ
MEANS FOR UNITARILY INVARIANT NORMS

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Abstract. In this paper, we improve and generalize some existing inequalities for unitarily invariant norms by using the convexity of the function $f(v) = \left\| A^v X B^{1-v} + A^{1-v} X B^v \right\|$ on the interval $[0,1]$.

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