Mathematical
Inequalities
& Applications
Volume 11, Number 2 (2008), 221–227

A GENERALIZED REVERSE INEQUALITY OF THE CORDES INEQUALITY

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Abstract. The Cordes inequality was extended by using concave or convex functions. In this note, we give reverse inequalities of its extended ones for an increasing strictly concave submultiplicative function. As an application, we obtain a generalization of Bourin's inequality which gives an estimation of operator norm by spectral radius.

Mathematics subject classification (2000): 47A63.
Key words and phrases: Cordes inequality, reverse inequality, positive operator, operator inequality.

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Paper MIA-11-16