

AN OPERATOR INEQUALITY ASSOCIATED WITH THE OPERATOR CONCAVITY OF OPERATOR ENTROPY $A \log A^{-1}$

TAKAYUKI FURUTA AND JOSIP PEČARIĆ

Abstract. In what follows, an operator means a bounded linear operator on a Hilbert space H . We show an operator inequality associated with the operator concavity of operator entropy $A \log A^{-1}$ and also we discuss related upper bound.

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