REFINEMENTS OF BOUNDS FOR NEUMAN MEANS IN TERMS OF ARITHMETIC AND CONTRAHALFIC MEANS

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Abstract. In this paper, we present the sharp upper and lower bounds for the Neuman means $S_{AC}$ and $S_{CA}$ in terms of the arithmetic mean $A$ and contraharmonic mean $C$. The given results are the improvements of some known results.


Keywords and phrases: Schwab-Borchardt mean, Neuman mean, arithmetic mean, contraharmonic mean.

REFERENCES