SHARP INEQUALITIES INVOLVING NEUMAN–SÁNDOR AND LOGARITHMIC MEANS

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Abstract. Sharp bounds for the Neuman-Sándor mean and for the logarithmic mean are established. The bounding quantities are the one-parameter bivariate means called the p-means. In this paper best values of the parameters of the bounding means are obtained.


Keywords and phrases: Neuman-Sándor mean, logarithmic mean, p-means, inequalities.

REFERENCES


