A NOTE ON STOLARSKY, ARITHMETIC AND LOGARITHMIC MEANS

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Abstract. We present a way to study differences of some Stolarsky means as a way to discover new inequalities, or place known inequalities in a wider context. In particular, as an application we prove a very sharp upper bound for the difference between the arithmetic and the logarithmic means of two positive numbers.


Keywords and phrases: Stolarsky mean, arithmetic mean, logarithmic mean.

REFERENCES