

INEQUALITIES FOR THE λ -WEIGHTED MIXED ARITHMETIC–GEOMETRIC–HARMONIC MEANS OF SECTOR MATRICES

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Abstract. In this note, we first explain a minor error in the literature [3]. Secondly, we prove the λ -weighted mixed arithmetic-geometric-harmonic-mean inequalities of A and B which are the generalizations of the results already introduced in [3]. Finally, we extend our results to sums of n ($n \geq 2$) sector matrices.

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