REFINEMENTS OF SOME MAJORIZATION TYPE INEQUALITIES

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Abstract. In this paper, we prove refinements of some companion inequalities to the Jensen inequality, namely Slater’s inequality and the inequalities obtained by Matić and Pečarić (2000). We also give refinements of majorization type inequalities, generalized weighted Favard and Berwald inequalities.


Keywords and phrases: Convex functions, Jensen’s inequality, Slater’s inequality, majorization inequality, Favard and Berwald inequalities.

REFERENCES


