AN ALTERNATIVE NOTE ON THE SCHUR–CONVEXITY OF THE EXTENDED MEAN VALUES

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Abstract. The Schur-convex and Schur-concave properties with \((x, y)\) in \((0, \infty) \times (0, \infty)\) for fixed \((r, s)\) of the extended mean values \(E(r, s; x, y)\) are researched again, some errors in [F. Qi, J. Sándor, S. S. Dragomir, and A. Sofo, Notes on the Schur-convexity of the extended mean values, Taiwanese J. Math. 9, (3) (2005), 411–420. RGMIA Res. Rep. Coll. 5 (2002), no. 1, Art. 3, 19–27. Available online at URL: http://rgmia.vu.edu.au/v5n1.html] are corrected.


Key words and phrases: Schur-convexity, extended mean values.

REFERENCES


