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COMPARISON THEOREM FOR TWO–PARAMETER MEANS

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Abstract. The comparison theorem for

$$R(u,v;r,s;x,y)=\left(\frac{E(r,s;x^v,y^v)}{E(r,s;x^u,y^v)}\right)^{1/(v-u)},\ u\neq v,$$

where E is the Stolarsky mean, is proved. This generalises the results of Leach, Sholander and Páles.

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