

## SCHUR–HARMONIC CONVEXITY FOR DIFFERENCES OF SOME SPECIAL MEANS IN TWO VARIABLES

YING WU, FENG QI AND HUAN-NAN SHI

*Abstract.* In the paper, the authors find Schur-harmonic convexity of linear combinations of differences between some means such as the arithmetic, geometric, harmonic, and root-square means, and establish some inequalities related to these means and differences.

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