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Title: On delta Schur-convex mappings

Author(s): Andrzej Olbryś

The aim of the present paper is to combine the notions of Schur-convex and delta-convex mappings in the sense of Veselý and Zajíček. Our main result gives necessary and sufficient conditions on maps $F_j, j = 1, \dots, n$, under which the sum $\sum_{j=1}^n F_j(x_j)$ is delta Schur-convex.

Address:

Andrzej Olbryś
Institute of Mathematics
Silesian University
Bankowa 14
40-007 Katowice
Poland