Title: On delta Schur-convex mappings

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

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