Title: Bernstein–Doetsch type results for $s$-convex functions

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As a possible generalization of the concept of $s$-convexity due to Breckner [?], we introduce the so-called $(H, s)$-convexity. Besides collecting some facts on this type of functions, the main goal of this paper is to prove some regularity properties of $(H, s)$-convex functions.

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