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## Critical points of bounded analytic functions and nonpositive curvature

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We discuss the problem “Describe the sets of critical points of bounded analytic functions” and present some recent partial results. For instance, we show that for every nonconstant bounded analytic function there is always a Blaschke product with the same critical points. The proofs involve geometric considerations based on curvature and also make use of some recent results on zero-sets of functions in Bergman space.