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Nina Zorboska*, Department of Mathematics, University of Manitoba, 186 Dysart road,
Winnipeg, Manitoba R3T 2N2, Canada. *Hyperbolic distortion, finite Blaschke products and
uniform local univalence.*

We will show some connections between the existence of upper and lower bounds on the weighted hyperbolic distortion of a self-map of the unit disk and the maps geometric behaviour, such as its boundary regularity, or uniform local univalence. It is particularly interesting to see how the properties of composition operators on spaces of analytic functions can be used in the proofs of few of these purely geometric results. (Received January 19, 2015)