

ON SOME PROPERTIES OF THE CARATHÉODORY FUNCTIONS

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Abstract. We find a sufficient condition for an analytic function in $|z| < 1$ to be with positive real part in $|z| < 1$. It follows sufficient conditions for a function to be convex, starlike, etc. These conditions describe the boundary behavior of the functions on $|z| = r < 1$.

Mathematics subject classification (2010): Primary 30C45; Secondary 30C80.

Keywords and phrases: Analytic, univalent, convex, starlike, close-to-convex, differential subordination.

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