

ON A DIFFERENTIAL SUPERORDINATION DEFINED BY
RUSCHEWEYH DERIVATIVE

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Abstract. By using the Ruscheweyh operator $D^m f(z)$, $z \in U$, we obtain sharp superordinations results related to some normalized holomorphic functions in the unit disk U .

MSC 2000. Primary 30C80, Secondary 30C45, 30A20, 34A40.

Key words. Differential subordination, differential superordination, univalent function.

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