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## A CLASS OF ANALYTIC FUNCTIONS BASED ON RUSCHEWEYH DERIVATIVE

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## Abstract

A class of analytic functions satisfying an analytic inequality based on Ruscheweyh derivative and Hadamard product is introduced. Coefficient estimate, extreme points, distortion theorem and radius of starlikeness are determined for functions in a subclass which includes certain other classes as special cases.

Key Words : Analytic Functions, Ruscheweyh derivatives, Hadamard product.

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