

ON CERTAIN SUBCLASS OF PRESTARLIKE FUNCTIONS
DEFINED BY SALAGEAN OPERATOR

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Abstract. The object of the present paper is to investigate several interesting properties of the class $T_n(\lambda, \alpha, \gamma)$ consisting of prestarlike functions with negative coefficients defined by Salagean operator. Coefficient estimates, distortion theorems, closure theorems and modified Hadamard products of several functions belonging to the class $T_n(\lambda, \alpha, \gamma)$ are determined. Also radii of close-to-convexity, starlikeness and convexity are determined. Also we obtain integral operators for this class.

MSC 2000. 30C45.

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