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PROPERTIES OF A SUBCLASS OF P-VALENT FUNCTIONS DEFINED BY NEW OPERATOR V_p^λ

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Abstract. In this paper we have introduced and studied the subclass $B(d, \alpha, \beta; p)$ of p-valent functions defined by new linear operator V_p^λ. The main object is to investigate several properties such as coefficient estimates, distortion theorems, closure theorems, neighborhoods and the radii of starlikeness ,convexity and close-to-convexity of functions belonging to the class $B(d, \alpha, \beta; p)$.

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