APPLICATIONS OF SRIVASTAVA–ATTIYA OPERATOR TO THE CLASSES OF STRONGLY STARLIKE AND STRONGLY CONVEX FUNCTIONS

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Abstract. Srivastava-Attiya operator is used to define some new subclasses of strongly starlike and strongly convex functions of order β and type α in the open unit disk $\mathbb{U}$. For each of these new function classes, several inclusion relationships are established. Some interesting corollaries and applications of the results presented here are also discussed.

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