ON UNIFORMLY-TYPE SAKAGUCHI FUNCTIONS

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Abstract. Let $\mathcal{A}$ be the class of analytic functions $f$ in the open unit disc $U$. Furthermore, let $\mathcal{US}_s$ and $\mathcal{US}_s(\alpha, \beta)$ be the subclasses of $\mathcal{A}$ consisting of functions $f$ related to uniformly convex and Sakaguchi functions. The object of the present paper is trying to guess inclusive relations between uniformly convexity, $S_p$ and $\mathcal{US}_s$, and considering coefficient inequalities for $f(z)$ belonging to the class $\mathcal{US}_s(\alpha, \beta)$.

References

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