

## ON CERTAIN PROPERTIES FOR A SUBCLASS OF CLOSE-TO-CONVEX FUNCTIONS

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*Abstract.* In the present paper, we introduce and investigate an interesting subclass  $\mathcal{K}_s^\lambda(h)$  of analytic and close-to-convex functions in the open unit disk  $\mathbb{U}$ . For functions belonging to the class  $\mathcal{K}_s^\lambda(h)$ , we derive several properties as the convolution, the coefficient bounds, the covering theorem, the inclusion relationships as well as distortion theorem. The various results presented here would generalize many known recent results.

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