

## SHARP FEKETE–SZEGŐ COEFFICIENTS FUNCTIONAL, DISTORTION AND GROWTH INEQUALITIES FOR CERTAIN $p$ -VALENT CLOSE-TO-CONVEX FUNCTIONS

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*Abstract.* In the present paper certain subclass  $\mathcal{H}_p^s(\phi)$  of  $p$ -valent close-to-convex functions in the unit disc is defined by means of subordination. Sharp estimates for the Fekete-Szegő functional for functions belonging to the class  $\mathcal{H}_p^s(\phi)$  are obtained. Sharp distortion theorem, growth theorem and a subordination result are also obtained.

*Mathematics subject classification (2010):* 30C45.

*Keywords and phrases:* Multivalent function, starlike function, close-to-convex function, Fekete-Szegő functional, distortion and growth theorem, subordination.

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