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**ON SOME SUBCLASSES OF MULTIVALENT FUNCTIONS  
ASSOCIATED WITH FIXED SECOND COEFFICIENT AND  
APPLICATIONS OF DIFFERENTIAL SUBORDINATION**

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**Abstract**

In this paper we obtain certain results on multivalent functions, as an application of the principle of subordination, with fixed second coefficient. The influence of the second coefficient of  $p$ -valent functions is realized in the results obtained.

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Key Words : *Convex  $p$ -valent, Starlike  $p$ -valent, Fixed second coefficient, Fixed initial coefficient, Differential subordination.*

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