

## Differential subordinations and superordinations for analytic functions defined by an integral operator

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### ABSTRACT.

By using the integral operator  $I^n f(z)$ ,  $z \in U$  (Definition 1.2) we give in this paper some results and examples for differential subordinations and superordinations for analytic functions and we will determine some properties on admissible functions defined with the integral operator  $I^n$ .

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