

## QUASI-CONVOLUTION OF ANALYTIC FUNCTIONS WITH APPLICATIONS

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*Abstract.* In this paper we define a new concept of quasi-convolution for analytic functions normalized by  $f(0) = 0$  and  $f'(0) = 1$  in the unit disk  $E = \{z \in \mathbb{C} : |z| < 1\}$ . We apply this new approach to study the closure properties of a certain class of analytic and univalent functions under some families of (known and new) integral operators.

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