

MATHEMATICS

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**A -STATISTICAL APPROXIMATION OF ANALYTIC
FUNCTIONS BY k -POSITIVE OPERATORS**

Abstract

In the paper using the k -positive operators we obtain A -statistical analogies of Korovkin type theorems in the space of functions analytic in the closure of the domain D , in which the convergence is determined as a uniform convergence in some closed domain D_1 , containing D strictly on compact subsets.