



Volume 3, Issue 4, Article 57

## On a New Type of Meyer-Konig and Zeller Operators

**Authors:** [Vijay Gupta,](#)

**Keywords:** Rate of convergence, Bounded variation functions, Total variation, Meyer-Konig-Zeller-Bezier operators, Beta function.

**Date Received:** 21/12/01

**Date Accepted:** 06/06/02

**Subject Codes:** 41A25, 41A30.

**Editors:** [Ram N. Mohapatra,](#)

**Abstract:**

In this present paper, we introduce a new and simple integral modification of Meyer-Konig and Zeller Bezier type operators and study the rate of convergence for functions of bounded variation. Our result improves and corrects the results of Guo (*J. Approx. Theory*, **56** (1989), 245-255 ), Zeng (*Comput. Math. Appl.*, **39** (2000), 1-13; *J. Math. Anal. Appl.*, **219** (1998), 364-376), etc.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

search

[\[advanced search\]](#)

copyright 2003

[terms and conditions](#)

[login](#)