



Volume 5, Issue 4, Article 113

Simultaneous Approximation by Lupas Modified Operators with Weighted Function of Szasz Operators

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Keywords: Simultaneous approximation, Lupas operators, Szasz operators.

Date Received: 20/08/04

Date Accepted: 01/09/04

Subject Codes: 41A28, 41A36.

Editors: [Alexandru Lupas \(1942-2007\)](#),

Abstract: In the present paper, we consider a new modification of the Lupas operators with the weight function of Szasz operators and study simultaneous approximation. Here we obtain a Voronovskaja type asymptotic formula and an estimate of error in simultaneous approximation for these Lupas-Szasz operators.



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