



**SOME IMPROVEMENTS AND EXTENSIONS OF
STEFFENSEN'S INTEGRAL INEQUALITY FOR FUNCTIONS
OF TWO INDEPENDENT VARIABLES**

H. A. Agwo and N. S. Khallaf

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Abstract

The aim of this paper is to establish some improvements and extensions of Steffensen's integral inequality for functions of two independent variables.

Keywords and phrases: Steffensen's inequality, Mercer's inequality, Hayashi's inequality, integral inequality.

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