

Year: 2018

Vol.: 92

Fasc.: 3-4

Title: CIM

Author(s): Eugeniusz Wachnicki (†) and Grażyna Krech

The aim of this paper is to study the behavior of nonlinear singular integral operators of the form

$$T_w(f)(s) = \int_G K_w(s-t, f(t))dt.$$

Here we estimate the rate of convergence at a point s_0 in which a function f is continuous. This is an extension of the paper by ŚWIDERSKI and WACHNICKI [21].

Address:

Grażyna Krech
AGH University of Science
and Technology
Faculty of Applied Mathematics
Mickiewicza 30
30-059 Kraków
Poland

Address:

Eugeniusz Wachnicki (†)
Kraków
Poland