

Application of Gauss-Kronrod Quadrature Method for Solving Non-Linear Integro-differential Equations of the second kind

Nedjem Eddine Ramdani¹

¹Saad Dahlab University of Blida

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Abstract

In this paper, we deal with the non-linear integro-differential equation in which we proposed a quadrature method in order to find an approximate solution. We provide an error analysis and we conclude by giving the algorithm.

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