

On Some Volterra and Fredholm Problems via the Unified Integrodifferential Quadrature Method

ISRN Computational Mathematics. Volume 2012, Article ID 139514, 5 pages.

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Abstract

We present a new approach based on the formulation of the integrodifferential quadrature method (hereafter called IDQ) to handle Volterra's and Fredholm's equations. This approach is constructed and tested with some realistic numerical examples using the basic computational aspects.

Doi: 10.5402/2012/139514

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