

عنوان مقاله:

Block-Pulse Functions for Numerical Solution of Fredholm Hammerstein Integral Equation

محل انتشار:

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خلاصه مقاله:

In this paper Block-Pulse functions are formulated to solve nonlinear Fredholm-Hammerstein integral equations. Some interesting properties of this functions are first presented; then these properties are utilized to reduce the computation of integral equations to some algebraic equations. The method is computationally attractive, and applications are demonstrated through test problems.

کلمات کلیدی:

Nonlinear Fredholm-Hammerstein integral equations, Block-pulse functions, Operational matrix

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