

عنوان مقاله:

NUMERICAL SOLUTION OF NONLINEAR VOLTERRA INTEGRAL EQUATIONS USING NUMERICAL METHODS OF IVPS

محل انتشار:

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خلاصه مقاله:

In this paper, we explain some numerical algorithms for solving non-linear Volterra integral equations. As there are variety in numerical methods of initial value problems with goods accuracy and stability properties, in some type of integral equations that it is possible to convert problem to an initial value problem, we can use numerical methods of IVPs. By applying efficient numerical methods of IVTs, the results for some popular show the superiority of this .technique

کلمات کلیدی:

Volterra integral equations, Initial value problems, Numerical methods, Stability aspects

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