

## عنوان مقاله:

Solution of Volterra integral equations of the first kind with discontinuous kernels by using the Adomian decomposition method

## محل انتشار:

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## خلاصه مقاله:

In this paper, for solving linear and nonlinear Volterra integral equations of the first kind with discontinuous kernels, the Adomian decomposition method, and the modified Adomian decomposition method are presented. We convert the main equation into the Volterra integral equation of the second kind. The numerical examples are given to denote the accuracy of the suggested method.

## کلمات کلیدی:

Volterra integral equation, Piecewise continuous kernel, Modified Adomian decomposition method

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1830773>

