

## عنوان مقاله:

A MODIFIED STEFFENSEN'S METHOD WITH MEMORY FOR NONLINEAR EQUATIONS

## محل انتشار:

مجله بین المللی مدل سازی و محاسبات ریاضی، دوره 5، شماره 1 (سال: 1394)

تعداد صفحات اصل مقاله: 8

## نویسنده:

Farhad Khaksar Haghani - *Department of Mathematics, Shahrekord Branch, Islamic Azad University, Shahrekord, Iran Iran, Islamic Republic of*

## خلاصه مقاله:

In this note, we propose a modification of Steffensen's method with some free parameters. These parameters are then be used for further acceleration via the concept of with memorization. In this way, we derive a fast Steffensen-type method with memory for solving nonlinear equations. Numerical results are also given to support the underlying .theory of the article

## کلمات کلیدی:

Steffensen's method, Root, order, with memory

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1590091>

