

## عنوان مقاله:

Convergence theorems for a general class of nonexpansive mappings in Banach spaces

## محل انتشار:

مجله آنالیز غیر خطی و کاربردها، دوره 14، شماره 6 (سال: 1402)

تعداد صفحات اصل مقاله: 16

## نویسنده:

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## خلاصه مقاله:

In this paper, we introduce a new iteration process for the approximation of fixed points. We show that our iteration process is faster than the existing iteration processes like the M-iteration process and the K-iteration process for contraction mappings. Also, we prove that the new iteration process is stable. Finally, we study the convergence of a new iterative scheme to a fixed point for the  $(\alpha, \beta)$ -Reich-Suzuki nonexpansive type mappings in Banach space.

## کلمات کلیدی:

Fixed point, convergence, Opial's condition, generalized nonexpansive mappings

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1755493>

