

عنوان مقاله:

Best Proximity Point Result for New Type of Contractions in Metric Spaces with a Graph

محل انتشار:

مجله کنترل و بهینه سازی در ریاضیات کاربردی، دوره 3، شماره 1 (سال: 1397)

تعداد صفحات اصل مقاله: 10

نویسنده:

.Kamal Fallahi - Department of Mathematics, Payam Noor University, Tehran, Iran

خلاصه مقاله:

In this paper, we introduce a new type of graph contraction using a special class of functions and give a best proximity point theorem for this contraction in complete metric spaces endowed with a graph under two different conditions. We then support our main theorem by a non-trivial example and give some consequences of best proximity point of it for usual graphs.

کلمات کلیدی:

Best proximity point, G-continuous mapping, G-varphi-contraction

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1605927>

