

## عنوان مقاله:

On Extended Real Valued Quasi-Concave Functions

## محل انتشار:

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## خلاصه مقاله:

In this paper, we first study the non-positive decreasing and inverse co-radiant functions defined on a real locally convex topological vector space  $X$ . Next, we characterize non-positive increasing, co-radiant and quasi-concave functions over  $X$ . In fact, we examine abstract concavity, upper support set and superdifferential of this class of functions by applying a type of duality. Finally, we present abstract concavity of extended real valued increasing, co-radiant and quasi-concave functions.

## کلمات کلیدی:

Abstract concavity, Duality, Co-radiant function, Quasi-concave function, Upper support set

## لینک ثابت مقاله در پایگاه سیویلیکا:

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