

A study of Sub-Differential of Concave Function

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Abstract

This paper makes a study of the sub-differential of concave function. We begin with the definitions of convex and concave functions. Then we give the differentiation of the sub-differential of a convex function. Finally, we define the sub-differential of a concave function and study some examples.

Keywords: Vector space, norm, sub-differential, convex function, concave function

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