

Condiții secvențiale de optim îmbunătățit pentru  
probleme de optimizare vectorială cu funcții  
con-epi-închise

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**Abstract**

Sequential optimality conditions have lately triggered the interest of researchers in optimization due to the fact that they do not require the fulfillment of any other constraint qualification, which is the case when working with other types of optimality conditions. In this the presentation we provide such conditions for quite a general class of vector optimization problems, where the functions considered are cone-convex and cone-epi-closed, improving thus the work previously done with this respect in Bot, R.I., Grad A., Wanka G.(2008) and Grad A.(2009). Two particular cases: the linear scalarization and the set-scalarization, are further discussed.