

Siddiqi, A. H.; Ansari, Q. H.; Ahmad, R.

On vector variational-like inequalities. (English) Zbl 0909.49007

Indian J. Pure Appl. Math. 28, No. 8, 1009-1016 (1997).

The authors study generalized vector variational inequalities where the ordering cone varies with a parametric vector. The problem discussed is closely related to invex-type vector optimization problems. Several types of existence of solutions are given with convexity. Some existence results are also presented without convexity, but for a vector variational inequality with a fixed ordering cone.

Reviewer: X.Q.Yang (Nedlands)

MSC:

[49J40](#) Variational inequalities

[90C29](#) Multi-objective and goal programming

Cited in **1** Review
Cited in **12** Documents

Keywords:

vector variational inequality; topological space