Abstract

We consider a quasiequilibrium problem described by a trifunction:

(P) Find $\bar{u} \in S_1(\bar{u})$ such that $F(\bar{u}, v, \bar{u}) \ge 0$, for every $v \in S_2(\bar{u})$.

In order to obtain an existence result for its solutions, we associate a dual problem

(DP) Find $\bar{u} \in S_1(\bar{u})$ such that $F(\bar{u}, v, v) \ge 0$, for every $v \in S_2(\bar{u})$

The general form of the problem covers various cases present in the literature.