ON THE EXISTENCE OF SOLUTIONS TO GENERALIZED QUASI-EQUILIBRIUM PROBLEMS

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TÓM TẮT:

In this paper, we apply new results on variational relation problems obtained by D.T. Luc to generalized quasi-equilibrium problems. Some sufficient conditions on the existence of its solutions of generalized quasi-equilibrium problems are shown. As special cases, we obtain several results on the existence of solutions of generalized Pareto and weak quasi-equilibrium problems concerning C-pseudomonotne multivalued mappings. As applications, we shall show some results on the existence of solutions to generalized vector quasivariational inequalities with multivalued mappings.