# ON THE EXISTENCE OF SOLUTIONS TO PARETO QUASIVARIATIONAL INCLUSION PROBLEMS OF TYPE I

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## TÓM TẮT:

In this paper, we apply a version of Kakutani's fixed point theorem to study Pareto quasivariational inclusion problems. Some sufficient conditions on the existence of solutions to Pareto quasivariational inclusion problems with multivalued mappings are given. As special cases, we obtain several results on the existence of solutions to Pareto quasi-equilibrium problems.