# On Duality for a Class of Multiobjective Continuous Programming Problems

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**Abstract** : In this paper, a class of multiobjective continuous programming problems is considered, when the objective and constraint functions involved are vector functions in $R^n$. Under the assumption of generalized $\rho$-invexity, duality theorems are proved through a vector approach to related properly efficient solutions of the primal and dual problems.

**Key words and phrases** : continuous programming problems, $\rho$-invexity, $\rho$-pseudoinvexity, $\rho$-quasiinvexity, efficient solution.

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