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Duality for multiobjective optimization problem with vanishing constraints. (English)

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Summary: In this article, we continue the effort of Mishra et al. [S. K. Mishra, V. Singh, V. Laha and R. N. Mohapatra, On constraint qualifications for multiobjective optimization problems with vanishing constraints, Optimization Methods, Theory and Applications, Springer Berlin Heidelberg (2015), 95-135] to discuss duality results of two types of dual models for a multiobjective optimization problem with vanishing constraints. These duality conditions are illustrated by some non-trivial examples.

**MSC:**

26A51 Convexity of real functions in one variable, generalizations

49J35 Existence of solutions for minimax problems

90C29 Multi-objective and goal programming

**Keywords:**

multiobjective optimization problem with vanishing constraints; efficient solution; duality

**Full Text:** [Link](#)

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