Utilização do método do q-gradiente na solução de um problema de otimização global multiobjectivo

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Recently, based on Jackson's derivative, a generalization of the classical steepest descent method, called the q-gradient method (q-G method), has been proposed for mono-objective problems. This new approach uses the negative of the q-gradient of the objective function as the search direction. This work presents the solution of a well-know multiobjective test problem using the q-G algorithm associated with the weighted sum method.