

Analele Universității București, Matematică
Anul LIV(2005), pp. 257–264

Second- and higher-order generalized invexity and duality in multiobjective programming problems

Norma G. RUEDA & Shashi MISHRA

Mars 3, 2005

Abstract - In this paper we consider a multiobjective optimization problem, and we prove Mond-Weir duality results under second- and higher-order conditions of the objective and constraint functions.

Key words and phrases : Multiobjective programming, efficient solution, second-order type I, weak duality, strong duality.

Mathematics Subject Classification (2000) : 90C29, 90C46