Properties of E-convex Sets[*]

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Abstract

Youness [J. Optim. Theory Appl., **102(3)**(1999)] introduced the class of sets called E-convex sets to study the optimality results for certain non linear programming problems. Following this Suneja et al. [International J. Management and Systems, **18(2)**(2002)] studied E-convex functions. In this paper we discuss the algebraic properties of E-convex sets.