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On sufficiency of the Kuhn-Tucker conditions in nondifferentiable programming. (English)

Zbl 0760.90078

Bull. Aust. Math. Soc. 46, No. 3, 385-390 (1992).

Some generalized invex conditions are given for a nondifferentiable constrained optimization problem, generalizing the “type I invex” property of Hanson and Mond for differentiable problems. Some duality results are obtained.

Reviewer: B.D.Craven (Parkville)

MSC:

90C26 Nonconvex programming, global optimization

90C30 Nonlinear programming

Cited in **10** Documents

Keywords:

Kuhn-Tucker conditions; generalized invex conditions; nondifferentiable constrained optimization; duality

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