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***D*-invexity and optimality conditions.** (English) [Zbl 0755.90074](#)
J. Math. Anal. Appl. 162, No. 1, 242-249 (1991).

Summary: A generalization of convexity, called *d*-invexity, is introduced. Substituting *d*-invex for convex, we get some optimality conditions for nondifferentiable multiobjective programming. The application is demonstrated by an example.

MSC:

[90C29](#) Multi-objective and goal programming
[49J52](#) Nonsmooth analysis
[26B25](#) Convexity of real functions of several variables, generalizations
[90C30](#) Nonlinear programming

Cited in **27** Documents

Full Text: [DOI](#)

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