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Elena Constantin*, 450 Schoolhouse Road, Johnstown, PA 15904. *Primal First-Order Necessary Efficiency Conditions for Locally Lipschitz Multiobjective Optimization Problems.*

In this talk some nonsmooth analogues of the Burachik-Rizvi regularity conditions are introduced for a nonsmooth multiobjective optimization problem with equality and inequality constraints and with an arbitrary set constraint. Primal first-order necessary conditions for efficiency and Geoffrion-proper efficiency are given for this problem. Illustrative examples are analyzed. (Received August 09, 2018)