1116-49-2521   **Doug E. Ward*** (`wardde@miamioh.edu`), Miami University, Dept of Mathematics, 301 S. Patterson Ave, Oxford, OH 45056. *Generalized Directional Derivatives of the Perturbation Map in Parametric Set-Valued Optimization.* Preliminary report.

In parametric nonlinear programming, there are well known bounds on the upper and lower Dini directional derivatives of the value function. We look at the possibility of extending such results from a scalar optimization setting to a set-valued optimization setting. (Received September 22, 2015)