Ilya Shvartsman* (ius13@psu.edu), Department of Mathematics, Penn State Harrisburg, Middletown, PA 17057. On Regularity Properties of Optimal Solutions. Preliminary report.

In this talk we will go over classical and recent results on regularity properties (such as continuity, Holder and Lipschitz continuity) of optimal solutions in mathematical programming and optimal control. (Received August 20, 2008)