

**Meeting:** 1000, Albuquerque, New Mexico, SS 12A, Special Session on Regularity in PDEs and Harmonic Analysis

1000-26-175            **David Swanson\***, 328 Natural Science Building, University of Louisville, Louisville, KY 40292.

*Non-smooth change of variables.*

We will discuss recent work in change of variable formulas for non-Lipschitz mappings. A central aspect of the problem is to identify, among the class of approximately differentiable vector-valued mappings, those whose canonical representatives have Hausdorff rectifiable graph sets. (Received August 23, 2004)