1077-VJ-2559   **Jody M Sorensen*** (`sorensj1@augsburg.edu`), Department of Mathematics, Augsburg College, 2211 Riverside Ave., Minneapolis, MN 55454. *Bifurcations of Inverse Functions: A Story of Undergraduate Research.*

This report describes an undergraduate student research project exploring the relationship between the bifurcation diagram for a function and that of its inverse. The story includes vague definitions, black and white video shoots, struggles with Mathematica, and surprising successes. (Received September 22, 2011)