1030-22-179   **Joshua M. Lansky*** (`lansky@american.edu`), Department of Mathematics and Statistics, American University, 4400 Massachusetts Avenue, NW, Washington, DC 20016-8050, and **Jeffrey D. Adler** (`jadler@american.edu`), Department of Mathematics and Statistics Amer, American University, 4400 Massachusetts Avenue, NW, Washington, DC 20016-8050. *Liftings of Representations of Finite Groups with Applications to p-adic Base Change.* Preliminary report.

Let G be a connected reductive group defined over a finite field k, and let ε be a quasi-semisimple k-automorphism of G. We construct a lifting of classes of representations from the connected fixed-point group $(G^{\varepsilon})^{\circ}(k)$ to $G(k)$. In certain instances, we present evidence that this lifting gives the relationship between the types of depth-zero p-adic group representations that correspond under p-adic base change. (Received August 01, 2007)