1024-37-238   **Angela V. Desai*** (`desaia@montevallo.edu`), Department of Biology, Chemistry, and Mathematics, University of Montevallo, Montevallo, AL 35115. *A class of higher dimensional shifts of finite type which factors onto full shifts.*

We will discuss higher dimensional shifts of finite type which satisfy the "corner gluing" mixing condition of Johnson and Madden. We prove that any corner gluing shift of finite type with entropy greater than log(N) must factor onto the full N-shift. (Received January 09, 2007)