Chung-I Ho (hoxxx090@math.umn.edu), 206 Church ST. SE, Mpls, MN 55455, and Tian-Jun Li\* (tjli@math.umn.edu), 206 Church St. SE, Mpls, MN 55455. Luttinger surgery and Kodaira dimension.

We show that the Luttinger surgery along Lagrangain tori in symplectic four manifolds preserves the symplectic Kodaira dimension. (Received August 06, 2009)