1012-14-144   **Hsian-Hua Tseng*** (`hhtseng@math.ubc.ca`), Department of Mathematics, University of British Columbia, 1984 Mathematics Road, Vancouver, B.C. V6T 1Z2, Canada. *Orbifold Quantum Riemann-Roch.*

Given a vector bundle on a Kähler manifold and a characteristic class, T. Coates and A. Givental studied Gromov-Witten invariants "twisted" by these data. They proved a "quantum Riemann-Roch theorem" which relates the twisted invariants with the untwisted ones. In this talk we will discuss a generalization of their results to orbifold target spaces. (Received September 18, 2005)