1019-37-187   **zeng Lian*** (`zenglian@math.byu.edu`), Department of Mathematics, Brigham Young University, Provo, UT 84602, and **Kening Lu** (`klu@math.byu.edu`), Department of Mathematics, Brigham Young University, Provo, UT. *Multiplicative Ergodic Theorem for Infinite Dimensional Random Dynamical Systems in Banach Spaces.*

In this talk, I will report a recent work on the multiplicative erogidc theorem for infinite dimensional random dynamical systems in Banach spaces and its application to a stable manifold theorem. (Received August 14, 2006)