Ming-Hsuan Kang and Wen-Ching Winnie Li* (wli@math.psu.edu), Department of Mathematics, The Pennsylvania State University, University Park, PA 16802. Zeta functions of complexes.

In this talk we shall present the zeta functions of finite quotients of the Bruhat-Tits building for PGL_3 over a nonarchimedean local field F, and compare them with the zeta functions of finite quotients of the tree for $PGL_2(F)$. (Received September 02, 2007)