

ON THE GHOST CONJECTURE OF BERGDALL AND POLLACK, II

RUOCHUAN LIU

This is the second talk in a two-part series on this theme. In this talk, we will derive the original ghost conjecture from the local ghost conjecture, the proof of which was covered in the first talk. The key ingredient is the p -adic LLC of $GL_2(\mathbb{Q}_p)$, with a particular focus on the Paskunas modules. If time permits, we will also explore applications such as the finiteness of the irreducible components of eigencurves.