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**Alice H Mark\*** ([alice.mark@rutgers.edu](mailto:alice.mark@rutgers.edu)). *Presentations for cusped arithmetic hyperbolic lattices.*

I will describe a method by which we obtained presentations for certain complex and quaternion hyperbolic lattices. We applied a classical theorem of Macbeath to invariant horoball covers of the complex and quaternion hyperbolic planes. In the talk, I will use the well-understood and easy-to-draw example of  $PSL_2\mathbb{Z}$  acting on the real hyperbolic plane to make sense, by analogy, of the higher-dimensional picture that you get for certain lattices in  $PU(2,1)$  and  $PSp(2,1)$ . This is joint work with Julien Paupert. (Received September 24, 2018)