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**Clifton Cunningham** and **David Roe\*** (roed.math@gmail.com). *Geometrizing quasi-characters of tori.*

Quasi-characters of tori appear in various contexts: class field theory, the local Langlands correspondence, and L-series. Let  $T$  be a torus over a non-archimedean local field  $K$ . We will give a description of the group  $\text{Hom}(T(K), \mathbb{C}^\times)$  in terms of sheaves on a certain group scheme over the residue field of  $K$ . This is joint work with Clifton Cunningham. (Received September 25, 2012)