get local factors are rational invariants

So uniformly approximate f by finite (i.e. partial) sums or product like this.

Then the zero locus of any such partial sum or product is a toric variety (since it is invariant under T)

So these spaces converge to the zero set of f.

The grothendieck group given by weights ($\pm$ dimension vectors in general) can be realized as $g-f$ where

$$P_i^{f_i} \longrightarrow P_i^{g_i}$$

$g=(g_1, g_2, \cdots, g_k)$ $f=(f_1, f_2, \cdots, f_k)$

gives a minimal projective presentation of a $k[x,y]/(xy)$ module

Then traces and determinants must be done a Fredholm determinants and trace class operators in $L^2(X)$