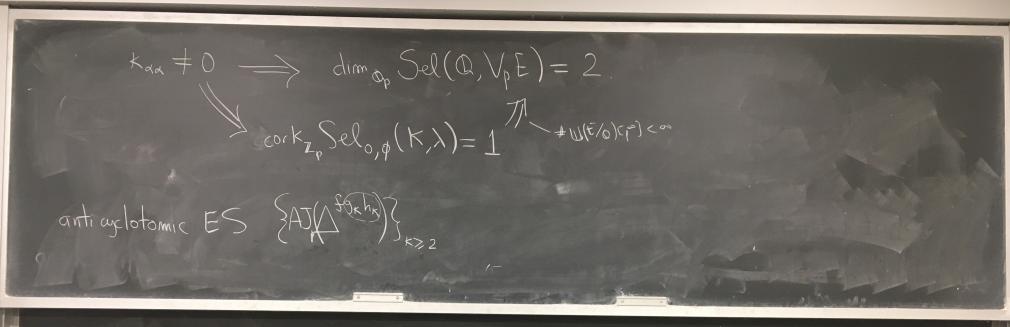
From $(Q, V^*) \cong S_{ Q, \lambda } \oplus S_{ Q, \lambda \psi } \oplus S_{$

and $Selbal(Q, V) \cong S_{8,\lambda} \oplus S_{6,\lambda V} \oplus S_{nite}$ Define k_{λ}^{cliag} by $k_{\infty}^{cliag} \mapsto (k_{\lambda}^{cliag})$



$$\Rightarrow \chi-1 + \text{char}((S_{\overline{s},\lambda}))_{\Lambda-\text{tors}})$$

$$\Rightarrow \chi^{\text{diag}} \text{ has nonzero image}$$

$$\text{Moreover, rex}(K_{\text{via}})=0, so \log_{p}(K_{\text{aia}})=0.$$

$$\text{Sp}_{\lambda}\chi_{(K-1)} \longrightarrow \text{Sel}(K_{\lambda}\lambda) \subset \text{Sel}(0,\chi_{\overline{s}})$$

$$\text{Kdiag} \text{ mod } \chi-1) \mapsto K_{\text{aia}}$$

M Chu