

$$\begin{array}{ccccccccc}
\vdots & & \vdots & & \vdots & & \vdots & & \vdots \\
\vdots & 0 & 0 & & 0 & & 0 & & \\
\vdots & 0 & 0 & & 0 & & 0 & & \\
\vdots & 0 & 0 & & 0 & & 0 & & Z/ \\
\vdots & 0 & 0 & & 0 & & Z/(q^3-1)Z & & \\
\vdots & 0 & 0 & & Z/(q^4-1)Z & & 0 & & \bigoplus_{\ell \neq p} H \\
\vdots & 0 & Z/(q^5-1)Z & & 0 & & \bigoplus_{\ell \neq p} H^2_{\text{\rm \acute{e}t}}(X_{\overline{F}_q}, Z_\ell(5))_\Gamma & & \\
\vdots & \vdots & \vdots & & \vdots & & \vdots & & 
\end{array}$$