

$$M(b, \lambda, 1) =$$

$$\begin{array}{ccccc} & & k & & \\ & \nearrow 1 & & \searrow 1 & \\ k & \xrightarrow{\lambda^{-1}} & k & \xrightarrow{0} & 0 \end{array}$$

$$M(b, \lambda, 3) =$$

$$\begin{array}{ccccc} & & k^3 & & \\ & \nearrow \text{Id} & & \searrow \text{Id} & \\ k^3 & \xrightarrow{\begin{pmatrix} \lambda^{-1} & 0 & 0 \\ 1 & \lambda^{-1} & 0 \\ 0 & 1 & \lambda^{-1} \end{pmatrix}} & k^3 & \xrightarrow{0} & 0 \end{array}$$