



$$\begin{bmatrix}
 \text{eye crop} & \text{eye crop} & \text{eye crop} \\
 y_{t-2}^{(1)} & y_{t-1}^{(1)} & y_t^{(1)}
 \end{bmatrix} = \begin{bmatrix}
 \text{eye crop} & \dots & \text{eye crop} & \bigg| & \dots & \bigg| & \text{beard crop} & \dots & \text{beard crop} \\
 D^{(1)} & & & & & & D^{(9)} & &
 \end{bmatrix}
 \begin{array}{c}
 \begin{array}{|c|c|c|}
 \hline
 \text{pink} & \text{orange} & \text{green} \\
 \hline
 \text{blue} & \text{light green} & \text{red} \\
 \hline
 \text{white} & \text{white} & \text{white} \\
 \hline
 \text{orange} & \text{red} & \text{yellow} \\
 \hline
 \vdots & & \\
 \hline
 \text{white} & \text{white} & \text{white} \\
 \hline
 \text{white} & \text{white} & \text{white} \\
 \hline
 \text{gray} & \text{light green} & \text{blue} \\
 \hline
 \text{white} & \text{white} & \text{white} \\
 \hline
 \end{array} \\
 C^{1(1)} \\
 \vdots \\
 C^{1(9)}
 \end{array}$$