

$$\begin{array}{c}
 \mathbf{Y}(t) \\
 \left[\begin{array}{cc} \text{green wave} & \text{green wave} \\ \text{green wave} & \text{green wave} \\ \vdots & \vdots \\ \text{blue wave} & \text{blue wave} \\ \text{blue wave} & \text{blue wave} \end{array} \right]
 \end{array}
 =
 \begin{array}{c}
 \mathbf{X} \\
 \left[\begin{array}{cc} 1 & 1.5 \\ 1 & 0 \\ \vdots & \vdots \\ 1 & 1.2 \\ 1 & 0 \end{array} \right]
 \end{array}
 +
 \begin{array}{c}
 \mathbf{B}(t) \\
 \left[\begin{array}{cc} \text{black wave} & \text{black wave} \\ \text{red curve} & \text{red curve} \end{array} \right]
 \end{array}
 +
 \begin{array}{c}
 \mathbf{Z} \\
 \left[\begin{array}{cccc} 1 & \cdot & \cdot & \cdot & 0 \\ 1 & \cdot & \cdot & \cdot & 0 \\ \cdot & \cdot & \cdot & \cdot & \cdot \\ \cdot & \cdot & \cdot & \cdot & \cdot \\ 0 & \cdot & \cdot & \cdot & 1 \\ 0 & \cdot & \cdot & \cdot & 1 \end{array} \right]
 \end{array}
 +
 \begin{array}{c}
 \mathbf{U}(t) \\
 \left[\begin{array}{cc} \text{green wave} & \text{green wave} \\ \vdots & \vdots \\ \text{blue wave} & \text{blue wave} \end{array} \right]
 \end{array}
 +
 \begin{array}{c}
 \mathbf{E}(t) \\
 \left[\begin{array}{cc} \text{green wave} & \text{green wave} \\ \text{green wave} & \text{green wave} \\ \vdots & \vdots \\ \text{blue wave} & \text{blue wave} \\ \text{blue wave} & \text{blue wave} \end{array} \right]
 \end{array}$$