

$$\mathbf{K}_1 = \begin{bmatrix} \begin{matrix} K_{11}^{(1)} & K_{12}^{(1)} \\ K_{21}^{(1)} & K_{22}^{(1)} \end{matrix} & \begin{matrix} K_{13}^{(1)} & K_{14}^{(1)} \\ K_{23}^{(1)} & K_{24}^{(1)} \end{matrix} \\ \begin{matrix} K_{31}^{(1)} & K_{32}^{(1)} \\ K_{41}^{(1)} & K_{42}^{(1)} \end{matrix} & \begin{matrix} K_{33}^{(1)} & K_{34}^{(1)} \\ K_{43}^{(1)} & K_{44}^{(1)} \end{matrix} \end{bmatrix} \begin{matrix} 3 & 4 \\ 1 & 2 \end{matrix}$$

$$\mathbf{K} = \begin{bmatrix} \boxed{K_{11}} & \boxed{K_{12}} & \boxed{K_{13}} & \boxed{K_{14}} & K_{15} & K_{16} & K_{17} & K_{18} \\ \boxed{K_{21}} & \boxed{K_{22}} & \boxed{K_{23}} & \boxed{K_{24}} & K_{25} & K_{26} & K_{27} & K_{28} \\ \boxed{K_{31}} & \boxed{K_{32}} & \boxed{K_{33}} & \boxed{K_{34}} & K_{35} & K_{36} & K_{37} & K_{38} \\ \boxed{K_{41}} & \boxed{K_{42}} & \boxed{K_{43}} & \boxed{K_{44}} & K_{45} & K_{46} & K_{47} & K_{48} \\ K_{51} & K_{52} & K_{53} & K_{54} & K_{55} & K_{56} & K_{57} & K_{58} \\ K_{61} & K_{62} & K_{63} & K_{64} & K_{65} & K_{66} & K_{67} & K_{68} \\ K_{71} & K_{72} & K_{73} & K_{74} & K_{75} & K_{76} & K_{77} & K_{78} \\ K_{81} & K_{82} & K_{83} & K_{84} & K_{85} & K_{86} & K_{87} & K_{88} \end{bmatrix}$$