

$$\mathbf{K}_2 = \begin{bmatrix} \begin{array}{cc|cc} \textcolor{red}{3} & \textcolor{red}{4} & \textcolor{red}{5} & \textcolor{red}{6} \\ K_{11}^{(2)} & K_{12}^{(2)} & K_{13}^{(2)} & K_{14}^{(2)} \\ K_{21}^{(2)} & K_{22}^{(2)} & K_{23}^{(2)} & K_{24}^{(2)} \\ \hline K_{31}^{(2)} & K_{32}^{(2)} & K_{33}^{(2)} & K_{34}^{(2)} \\ K_{41}^{(2)} & K_{42}^{(2)} & K_{43}^{(2)} & K_{44}^{(2)} \end{array} \end{bmatrix} \begin{array}{l} \textcolor{red}{3} \\ \textcolor{red}{4} \\ \textcolor{red}{5} \\ \textcolor{red}{6} \end{array}$$

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