

$$\mathbf{A}_{(1)} = \left[ \begin{array}{cc|cc} a_{111} & a_{121} & a_{131} & a_{141} \\ a_{211} & a_{221} & a_{231} & a_{241} \\ a_{311} & a_{321} & a_{331} & a_{341} \end{array} \quad \begin{array}{cc|cc} a_{112} & a_{122} & a_{132} & a_{142} \\ a_{212} & a_{222} & a_{232} & a_{242} \\ a_{312} & a_{322} & a_{332} & a_{342} \end{array} \right]$$

$$\mathbf{A}_{(2)} = \left[ \begin{array}{cc|cc} a_{111} & a_{211} & a_{311} & \\ a_{121} & a_{221} & a_{321} & \\ a_{131} & a_{231} & a_{331} & \\ a_{141} & a_{241} & a_{341} & \end{array} \quad \begin{array}{cc|cc} a_{112} & a_{212} & a_{312} & \\ a_{122} & a_{222} & a_{322} & \\ a_{132} & a_{232} & a_{332} & \\ a_{142} & a_{242} & a_{342} & \end{array} \right]$$

$$\mathbf{A}_{(3)} = \left[ \begin{array}{cc|cc|cc|cc} a_{111} & a_{211} & a_{311} & & a_{121} & a_{221} & a_{321} & & a_{131} & a_{231} & a_{331} & & a_{141} & a_{241} & a_{341} \\ a_{112} & a_{212} & a_{312} & & a_{122} & a_{222} & a_{322} & & a_{132} & a_{232} & a_{332} & & a_{142} & a_{242} & a_{342} \end{array} \right]$$