

1 section 1

$$\begin{array}{ccc} x_1 & x_2 & \dots \\ x_3 & x_4 & \dots \\ \vdots & \vdots & \ddots \end{array}$$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \begin{bmatrix} a & b \\ c & d \end{bmatrix} \left\{ \begin{array}{cc} a & b \\ c & d \end{array} \right\} \left| \begin{array}{cc} a & b \\ c & d \end{array} \right| \left\| \begin{array}{cc} a & b \\ c & d \end{array} \right\|$$

Marry has a little matrix $\begin{pmatrix} a & b \\ c & d \end{pmatrix}$.