



$$\begin{matrix} & 1 & 2 \\ 1 & \begin{bmatrix} \vdots \\ \vdots \\ \vdots \end{bmatrix} & \begin{bmatrix} \vdots \\ \vdots \\ \vdots \end{bmatrix} \\ & \vdots & \vdots \\ 2 & \begin{bmatrix} \vdots \\ \vdots \\ \vdots \end{bmatrix} & \begin{bmatrix} \vdots \\ \vdots \\ \vdots \end{bmatrix} \end{matrix}$$

The diagram shows a matrix structure with two rows and two columns. The columns are indexed 1 and 2, and the rows are indexed 1 and 2. The entries are:

- Row 1, Column 1:  $\vdots$
- Row 1, Column 2:  $\vdots$
- Row 2, Column 1:  $\vdots$
- Row 2, Column 2:  $\vdots$

The matrix is enclosed in large square brackets.