

Matrices

Mavaddat Javid

December 2022

1 Labelled

$$\begin{matrix} & \textcolor{red}{1} & \textcolor{red}{2} & \cdots & \textcolor{red}{n} \\ \textcolor{green}{1} & a_{1\textcolor{red}{1}} & a_{1\textcolor{red}{2}} & \cdots & a_{1\textcolor{red}{n}} \\ \textcolor{green}{2} & a_{2\textcolor{red}{1}} & a_{2\textcolor{red}{2}} & \cdots & a_{2\textcolor{red}{n}} \\ \textcolor{green}{3} & a_{3\textcolor{red}{1}} & a_{3\textcolor{red}{2}} & \cdots & a_{3\textcolor{red}{n}} \\ \vdots & \vdots & \vdots & \vdots & \vdots \\ \textcolor{green}{m} & a_{m\textcolor{red}{1}} & a_{m\textcolor{red}{2}} & \cdots & a_{m\textcolor{red}{n}} \end{matrix} \quad (1)$$