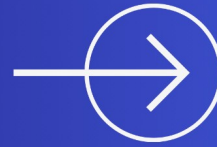
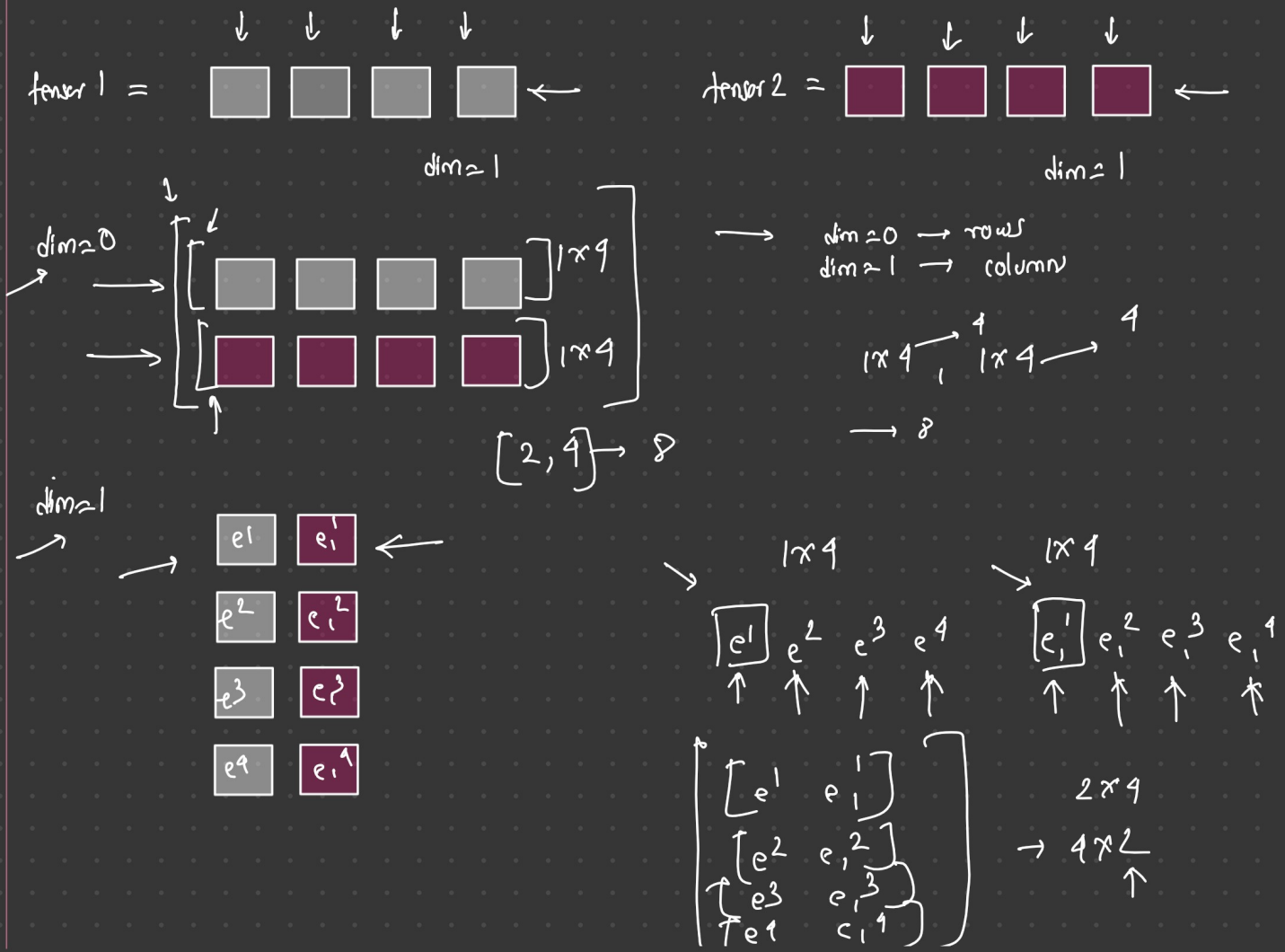


Stack Operation



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$$\text{tensor1} = \begin{matrix} \downarrow \text{dim}=0 & \downarrow \text{dim}=1 & \text{dim}=2 \\ \left[\begin{matrix} [1, 2] \\ [3, 4] \end{matrix} \right] \end{matrix}$$

$$\text{tensor2} = \begin{matrix} \downarrow \text{dim}=0 \\ \left[\begin{matrix} [5, 6] \\ [7, 8] \end{matrix} \right] \end{matrix}$$

$$\rightarrow \begin{bmatrix} [1, 2] \\ [3, 4] \end{bmatrix},$$

$$\rightarrow \begin{bmatrix} [5, 6] \\ [7, 8] \end{bmatrix}$$

$$d=0, d=1$$

$$\begin{matrix} \text{dim}=1 \\ \downarrow \\ d=0 [1, 2, 3, 4] \end{matrix}$$