

7.2 Multiplicacion escalar - matriz

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21:06

$$A = \begin{pmatrix} a_{11} & a_{12} & \dots & a_{1m} \\ \vdots & & & \\ a_{n1} & a_{n2} & \dots & a_{nm} \end{pmatrix}$$

$$\alpha \cdot A = \begin{pmatrix} \alpha \cdot a_{11} & \alpha \cdot a_{12} & \dots & \alpha \cdot a_{1m} \\ \vdots & \vdots & & \vdots \\ \alpha \cdot a_{n1} & \alpha \cdot a_{n2} & \dots & \alpha \cdot a_{nm} \end{pmatrix}$$

$$2 \cdot \begin{pmatrix} 1 & 4 \\ 2 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 8 \\ 4 & 0 \end{pmatrix}$$

