1 The fancy stuff

1.1 Correct matrix equations

$$\begin{pmatrix} 2 & 3 & 4 \\ 0 & 0 & 1 \\ 0 & 0 & 2 \end{pmatrix} \begin{pmatrix} 100 \\ 10 \\ 20 \end{pmatrix} = \begin{pmatrix} 310 \\ 20 \\ 40 \end{pmatrix}$$

1.2 Align math environment

$$\frac{a}{b} = 0 \tag{1}$$

$$x = y + z \tag{2}$$

$$x = 3 + z \tag{3}$$

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