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1 de novembro de 2021

Conteúdo

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Atividade III

Questão 1

$$\left[\begin{array}{cccc|cccc} 1 & -2 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & 0 & 0 \\ -2 & 4 & 1 & 0 & 0 & 0 & 1 & 0 \\ 0 & 1 & 1 & 1 & 0 & 0 & 0 & 1 \end{array} \right] \xrightarrow{\begin{array}{l} l_3 += 2l_1 \\ l_1 += 2l_2 \\ l_4 += -l_2 \\ l_4 += -l_3 \end{array}} \left[\begin{array}{cccc|cccc} 1 & 0 & 0 & 0 & 1 & 2 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 2 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 & -2 & -1 & -1 & 1 \end{array} \right]$$