S06 Aufg01 - Jari Rentsch, Sydney Nguyen

Thursday, 29 October 2020 13:01

$$\begin{pmatrix}
20 & \lambda 0 & 0 & | & 150 \\
50 & 30 & 20 & | & 470 \\
200 & 150 & 100 & | & 2150
\end{pmatrix}
\sim
\begin{pmatrix}
2 & 1 & 0 & | & 15 \\
5 & 3 & 2 & | & 47 \\
4 & 3 & 2 & | & 43
\end{pmatrix}
\sim
\begin{pmatrix}
0 & 1 & 0 & | & 11 \\
1 & 0 & 0 & | & 2 \\
0 & 1 & 2 & | & 13
\end{pmatrix}$$

$$\begin{pmatrix}
20 & 10 & 0 & | 120 \\
50 & 30 & 20 & | 350 \\
200 & 150 & 100 & | 1600
\end{pmatrix}$$

$$\begin{pmatrix}
2 & 1 & 0 & | 12 \\
5 & 3 & 2 & | 35 \\
9 & 3 & 2 & | 32
\end{pmatrix}$$

$$\begin{pmatrix}
2 & 1 & 0 & | 12 \\
1 & 0 & 0 & | 3 \\
0 & 1 & 2 & | P
\end{pmatrix}$$