MATH 2130 LINEAR ALGEBRA HOMEWORK 13 DUE 2025 NOVEMBER 30

PROBLEM 1 (P7)

Use any method we have seen to compute

 $\begin{vmatrix} 2 & 1 & 3 \\ 0 & 1 & 0 \\ 5 & 0 & 2 \end{vmatrix}$

PROBLEM 2 (P7)

Use any method we have seen to compute

 $\begin{vmatrix} 4 & 2 & 1 \\ 1 & 3 & -1 \\ 3 & 1 & 0 \end{vmatrix}.$

PROBLEM 3 (P7)

Use any method we have seen to compute

 $\begin{vmatrix} 1 & 3 & 7 \\ 2 & 1 & 3 \\ 0 & 5 & 11 \end{vmatrix}.$

PROBLEM 4 (P7)

Use any method we have seen to compute

 $\begin{vmatrix} 6 & 0 & 0 & 0 \\ 2 & 5 & 0 & 0 \\ -2 & 2 & -1 & 0 \\ 4 & 3 & 7 & -2 \end{vmatrix}.$

PROBLEM 5 (P7)

Use any method we have seen to compute

 $\begin{vmatrix} 1 & 1 & 1 & -1 \\ 1 & 2 & 0 & 0 \\ 1 & 3 & 2 & -2 \\ 1 & 4 & 3 & 0 \end{vmatrix}$