

Name:

Linear Algebra II - Quiz 7

All the solutions should be properly justified and explained. Clarity of the presentation will also be rewarded.

The maximal number of points awarded is 10.

Compute the determinant of

$$M = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 7 \\ 1 & 2 & 3 & 4 & 6 & 7 \\ 1 & 2 & 3 & 5 & 6 & 7 \\ 1 & 2 & 4 & 5 & 6 & 7 \\ 1 & 3 & 4 & 5 & 6 & 7 \\ 2 & 3 & 4 & 5 & 6 & 7 \end{bmatrix}.$$