

MATH 54 SUMMER 2017, QUIZ 16

Find the determinant of the following matrix:

$$\begin{bmatrix} 4 & 12 & 8 & 4 \\ 0 & 0 & 3 & 1 \\ 1 & 1 & -1 & 1 \\ 2 & 2 & 1 & 7 \end{bmatrix}$$