

MATH 54 SUMMER 2017, QUIZ 22

Find all least squares solutions to

$$\begin{bmatrix} 1 & 0 \\ -1 & 3 \\ 2 & 1 \end{bmatrix} \mathbf{x} = \begin{bmatrix} 5 \\ 2 \\ 1 \end{bmatrix}.$$