

Math 415 ADG**Name:****Quiz # 7**

April 4, 2014

No notes, electronic devices, or interpersonal communication allowed. Show work to get credit. Use the methods from this class.

Find the least-squares solution to the equation

$$\begin{bmatrix} 1 & 3 \\ 0 & -2 \\ 2 & 1 \end{bmatrix} \mathbf{x} = \begin{bmatrix} 4 \\ -2 \\ -2 \end{bmatrix}.$$