

Math 415 ADG

Name:

Quiz # 9

April 18, 2014

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

Find the eigenvalues and (bases for) the corresponding eigenspaces of the matrix $\begin{bmatrix} 1 & 1 \\ -2 & 4 \end{bmatrix}$.