

REAL Quiz #10

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. (8 points) Find the QR decomposition of the matrix

$$A = \begin{bmatrix} \sqrt{2} & \frac{7\sqrt{2}}{2} \\ \sqrt{2} & -\frac{\sqrt{2}}{2} \end{bmatrix} .$$