

Math 2890 Homework 9 Due date: April 8

- (1) Problem 16, 17, 18, 23 in Sec 6.1.
- (2) Problem 2, 6, 10, 20 in Sec 6.2.
- (3) Problem 2, 4, 10 in Sec 6.3.
- (4) Let $W = \text{Span}\left\{ \begin{bmatrix} 3 \\ 5 \\ 1 \end{bmatrix}, \begin{bmatrix} 1 \\ -2 \\ -1 \end{bmatrix} \right\}$. Describe the subspace W^\perp and find a basis for W^\perp .