

## 2.40(b)

### 1 2.40(b), §1 Asked

Given:

$$B = \begin{pmatrix} 5 & 0 \\ -6 & 7 \end{pmatrix}$$

Asked:

$$B^T$$

### 2 2.40(b), §2 Solution

$$B = \begin{pmatrix} 5 & 0 \\ -6 & 7 \end{pmatrix} \implies B^T = \begin{pmatrix} 5 & -6 \\ 0 & 7 \end{pmatrix}$$