

Special Problem 2-4.4

Determine A_z so that vectors **A** and **B** are orthogonal.

$$\mathbf{A} = -2\hat{a}_x + 3\hat{a}_y + A_z\hat{a}_z$$

$$\mathbf{B} = 3\hat{a}_x + \hat{a}_y + 3\hat{a}_z$$