

HW 10

Problem 1. Question 4.1.

Problem 2. Suppose that λ and μ are distinct eigenvalues of A . Let x be a right eigenvector associated with λ and let y be a left eigenvector associated with μ . Show that x and y are orthogonal (i.e., that $y^*x = 0$).

Problem 3. Question 4.2.