

Problem 4a. (cont'd)

iter 2:

$$z_1 = 1 \quad z_2 = 2 \quad z_3 = 1 \quad z_4 = 2$$

$$2. \quad \mu_1 = [2, 0] \quad \mu_2 = [-1, 0]$$

iter 1:

$$z_1 = 1 \quad z_2 = 1 \quad z_3 = 2 \quad z_4 = 2$$

$$\mu_1 = \frac{1}{2}([3, 1]) = \left[\frac{3}{2}, \frac{1}{2}\right] = \mu_1$$

$$\mu_2 = \frac{1}{2}([0, 2]) = [0, 1] = \mu_2$$

iter 2:

$$z_1 = 1 \quad z_2 = 1 \quad z_3 = 2 \quad z_4 = 2$$