

Korrelationsmesstechnik - Aufgabe 2

$$x = (2, 3, -2, 4, 5, -11), y = (4, 5, -11, 2, 3, 4)$$

$$xcorr(x, y) = (8, 18, 5, 6, 5, 24, -65, -65, 162, -35, -44)$$

$$x = (1, 1, 1, 1, 1, 1), y = (3, 0, -3, 0, -3, 0)$$

$$xcorr(x, y) = (0, -3, -3, -6, -6, -3, -3, 0, 0, 3, 3)$$

$$x = (0, 2, 2, 0, 0, 0, 2, 2, 0)$$

$$autocorr(x) = (0, 0, 4, 8, 4, 0, 0, 8, 16, 8, 0, 0, 4, 8, 4, 0, 0)$$

$$x = (0, 2, 0, 2, 0, 0, 2, 0), y = (2, 0, 2, 0, 2, 0, 2, 0)$$

$$xcorr(x, y) = (0, 0, 4, 0, 8, 0, 8, 4, 8, 4, 4, 0, 4, 0)$$