ComS 474
Homework 2

Sean Gordon

Sep 28, 2020

1) $x = [1.1, 2.2, 3.3, 1]^T$

2) $w^T x = [1.1, 0, 3.3, 0]^T > 1$, therefore the class is 1.

3) $\sum_{i-1}^{n} (W^T x_i'' - C_i)^2$, where C_i is the class of x_i (1 or -1)

4) Why can't people be less vague when making requests??

5) $J(W) = \sum_{i-1}^{n} ((-1)(W^T x_i * C_i) - 1)$