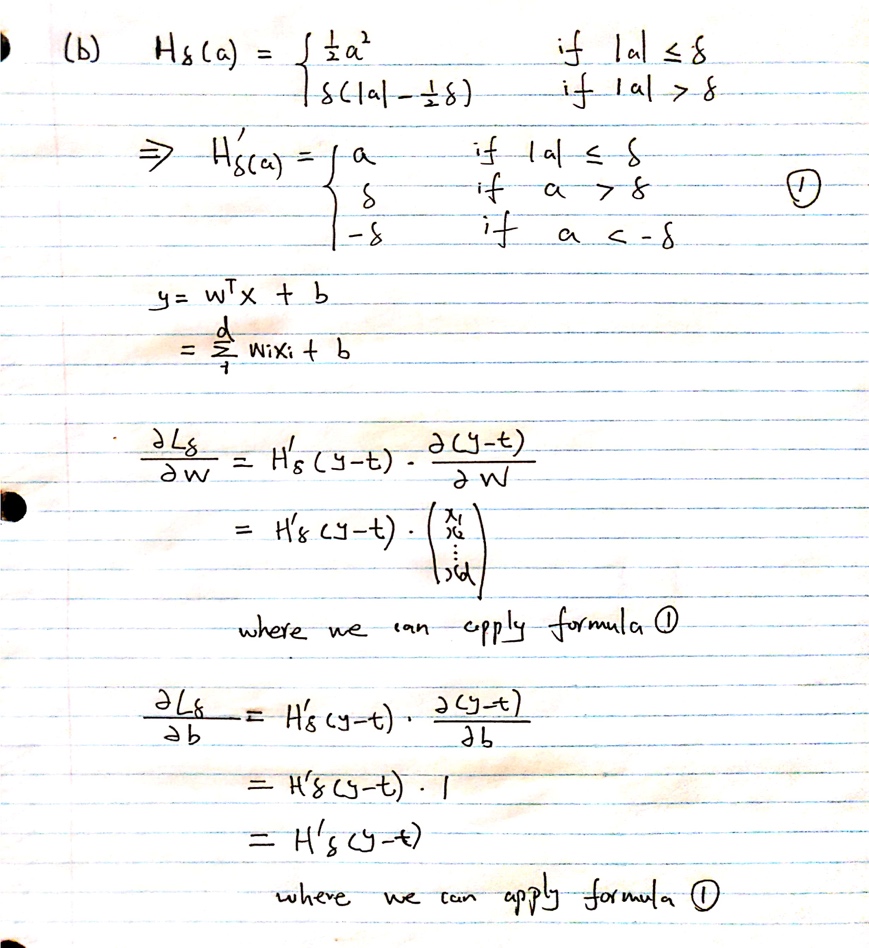
Q1

(a)

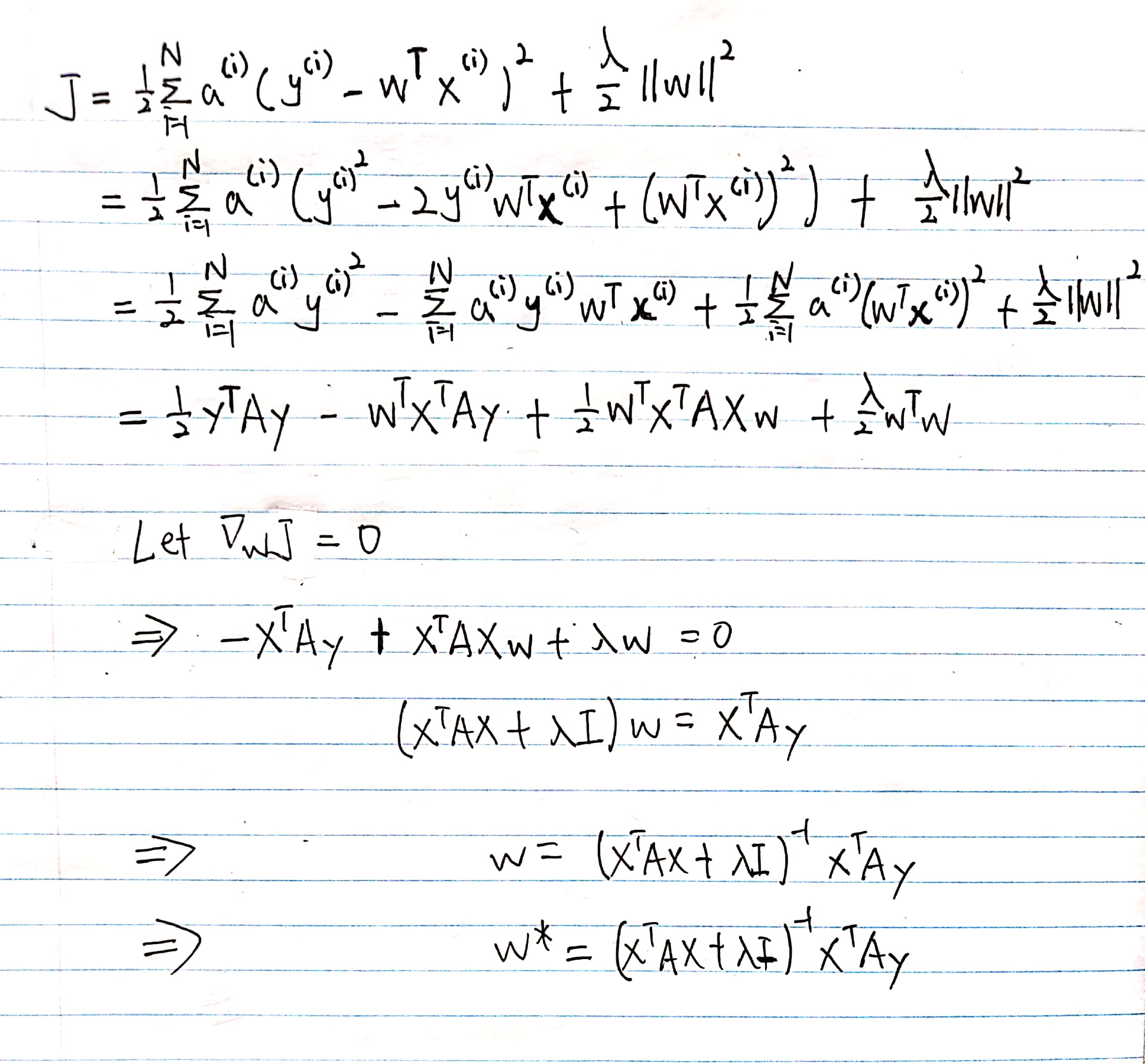
When the value y is outlier, compared to Squared Error Loss, the Huber loss is much less which is shown in below plot. ()

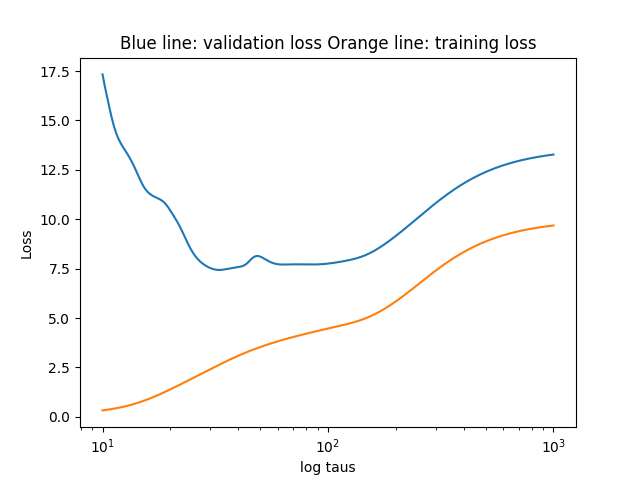
(b)



Q2

(a)



(c)

(d)

When -> , each training example is equally weighted, so the model is close to standard regression with L2 penalty.

When -> , the test point becomes dramatic driver to the model which could lead poor generalization.