

Correction 1: At 05:06, the hinge loss is stated as -1.5, while should be +1.5.

Correction 2: From 12:33 min onwards, the soft-SVM formulation should have the constraint $1 - (y_i * W \cdot x_i) \leq \zeta_i$ and NOT $1 - (y_i * W \cdot x_i) \geq \zeta_i$. We wrote “ \geq ” instead of “ \leq ”. Refer: https://en.wikipedia.org/wiki/Support_vector_machine#Primal

Correction 3: At 10:13, the distance between the two parallel planes π_i and π_{i+} should be $1/\|W\|$ not 1.

Correction 4: At 8:33, the distance between the point x_j to π_i is $(w^T \cdot x_j + b) / \|w\|$ as $\|w\|$ is not unit vector.