Errata in video lectures

- In 'Optimization Objective', starting at 9:25, the SVM regularization term should start from j=1, not j=0.

- In 'Optimization Objective', starting at 13:37, the SVM regularization term should be summing over j instead of i: $\sum_{j=1}^{n} \theta_j^2$.

- In 'Large Margin Intuition', starting from 1:04, should be labelled z≤−1, for graphic on the right. (It is drawn correctly).

- In 'Mathematics Behind Large Margin Classification', starting from 11:22, second condition should be $p^{(i)} \cdot |\theta| \leq -1$ if $y^{(i)} = 0$ instead of $y^{(i)} = 1$. This persists also in the quiz.

- In 'Mathematics Behind Large Margin Classification', at 16:33, Dr. Ng writes towards the right of the slide that for a vertical decision boundary, $p^{(1)}.||\theta|| > 0$, while it should be $p^{(1)}.||\theta|| > 1$.

- In the 'Kernels I' video quiz, the notation surrounding $x_1 - l^{(1)}$ inside the exp( ) function is the norm notation.

- In 'Using An SVM', at 13:51, Dr. Ng writes θ = K instead of class y=K

Errata in programming assignment ex6

- In ex6.pdf, typo on page 1: "SVM rraining function" should be "SVM **t**raining function"

- In ex6.m at line 69: Inside the fprintf() statement, the text "sigma = 0.5" should be "sigma = 2"

- In ex6.pdf, typo in section 1.2.2 on page 6: "obserse" should be 'observe'.

- In ex6.pdf, in section 1.2.3 on page 7: The submit grader requires that you use exactly the eight values listed for both C and sigma.

- In dataset3Params.m, at line 2 "EX6PARAMS" should be "DATASET3PARAMS".

- In visualizeBoundary.m at line 21, the statement "contour(X1, X2, vals, [0 0], 'Color', 'b');" does not reliably display the contour plot on all platforms. The form "contour(X1, X2, vals, [0.5 0.5], 'linecolor', 'b');" seems to be a better choice.