

Name:

Student ID#:

Statistical Pattern Recognition (CE-725)
Department of Computer Engineering
Quiz #8 (SVM Basics) - Spring 2011

What are the values for the λ_i and the offset b that would give the maximal margin linear classifier for the two data points (1st data point, its class)=(x_1, y_1)=(0,1) and (x_2, y_2)=(4,-1)?

You should be able to find the answer without deriving it from the dual Lagrangian.