# ECE421 Problem Set 3

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## 1 SVM w. Hard Margin

### 1.1

(graph template, should label points for easy reference)
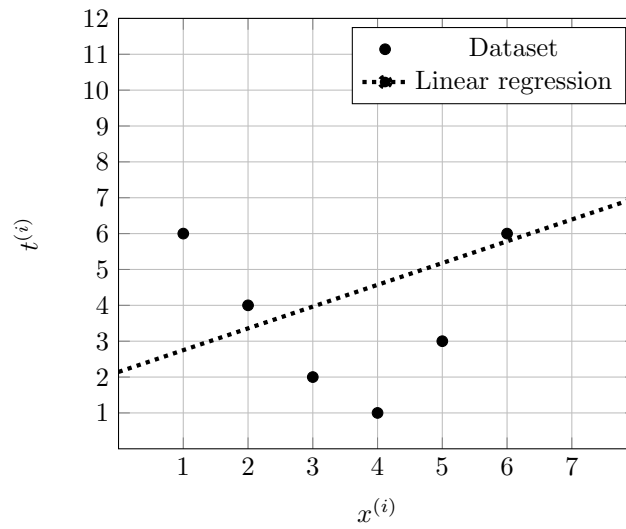


Figure 1: Scatter plot of $x^{(i)}$ vs. $t^{(i)}$

## 2 Binary linear classification vs. SVM