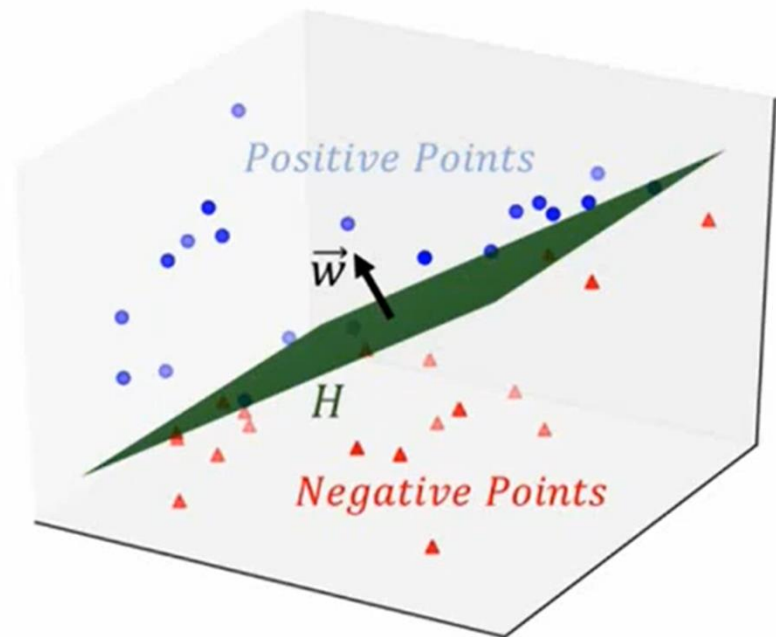
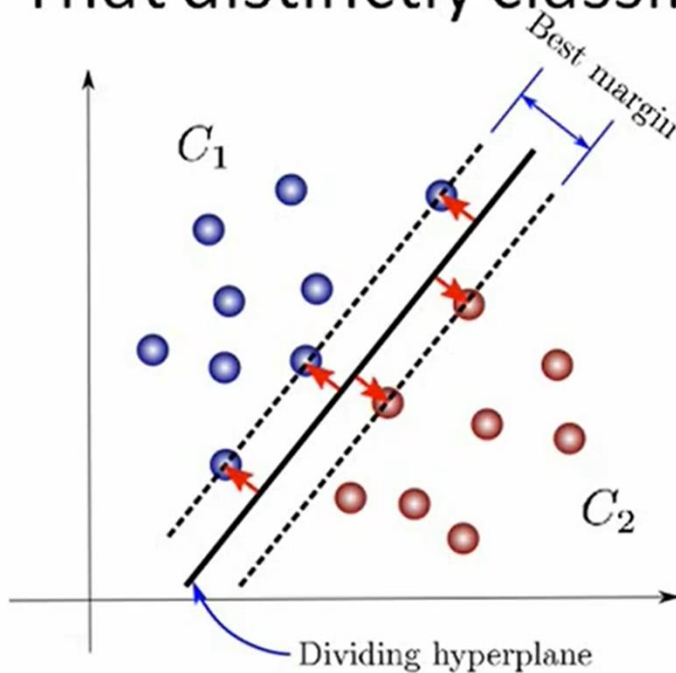


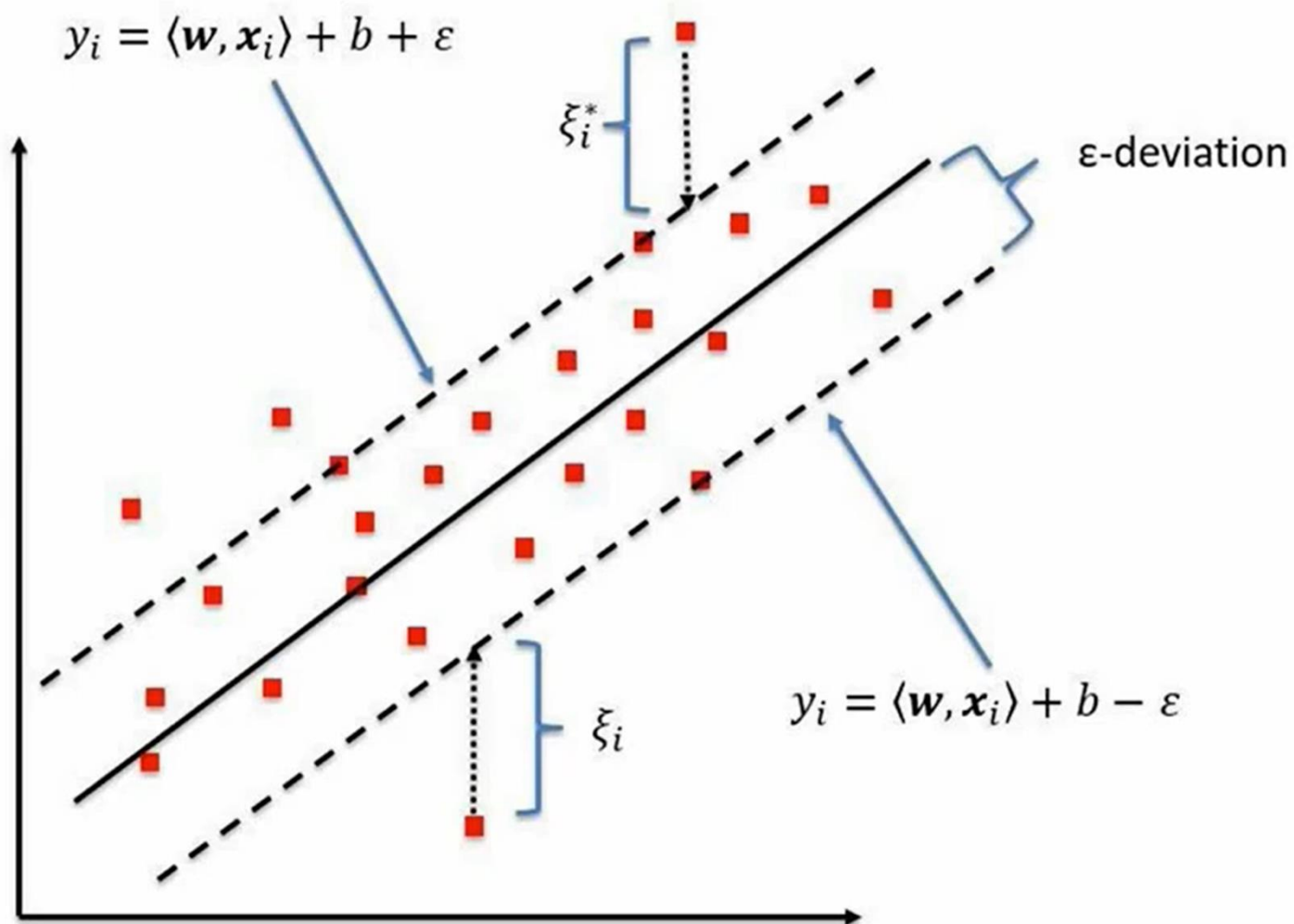
Support Vector Regressor

A library of Support Vector Machines.

What is Support Vector Machine

The objective of the support vector machine algorithm is to find a hyperplane in an N dimensional space (N — the number of features) That distinctly classifies the data points.





SVR PROPERTIES

- *Uses convex optimization technique.*
- *Uses ϵ -intensive loss.*
- *Find ϵ -intensive region using regression line. This region is called ϵ -tube.*
- *Basically it performs simple linear-regression in hyper-dimensional space.*
- *Additional the model can detect the outliers to decrease over-fitting.*