核话

Kernel Method 从思想角度

Kernel Trick 从计算角度

Kernel Function

级城场分

- 点点错误

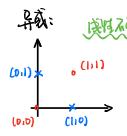
严格非战性

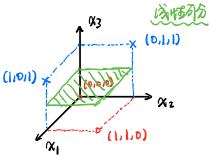
PLA

Pocket Algorithm Ø100 + PLA

Hard-Margin SVM Soft-Margin SVM PIX) + Hard-Margin Kernel SVM.

新水和流氓 / ① PLA → 考虑基本机(油彩品) → Deep Learning
The rest Box ② 机光性原放 排放性系数 13代码分。





Cover Theorem: 高雅比纸维更易或性可分

Hard-Margin SVM

Primal Problem: min = ||w||^2

Dual Problem: min & & & & \lambda &

 $\phi(x_i^T) \cdot \phi(x_i)$

Kernel Function:

$$k(x_0, x') = \phi(x)^T$$
. $\phi(x') = \langle \phi(x), \phi(x') \rangle$

 $\forall x, x' \in \mathcal{X}, \exists \phi : x \mapsto z \cdot \text{s.t. } k(x, x') = \phi(x)^T \cdot \phi(x')$ 则称K(x,x)是一个核函数,

$$k(x_1x') = \exp\left(-\frac{(x-x')^2}{26^2}\right)$$