

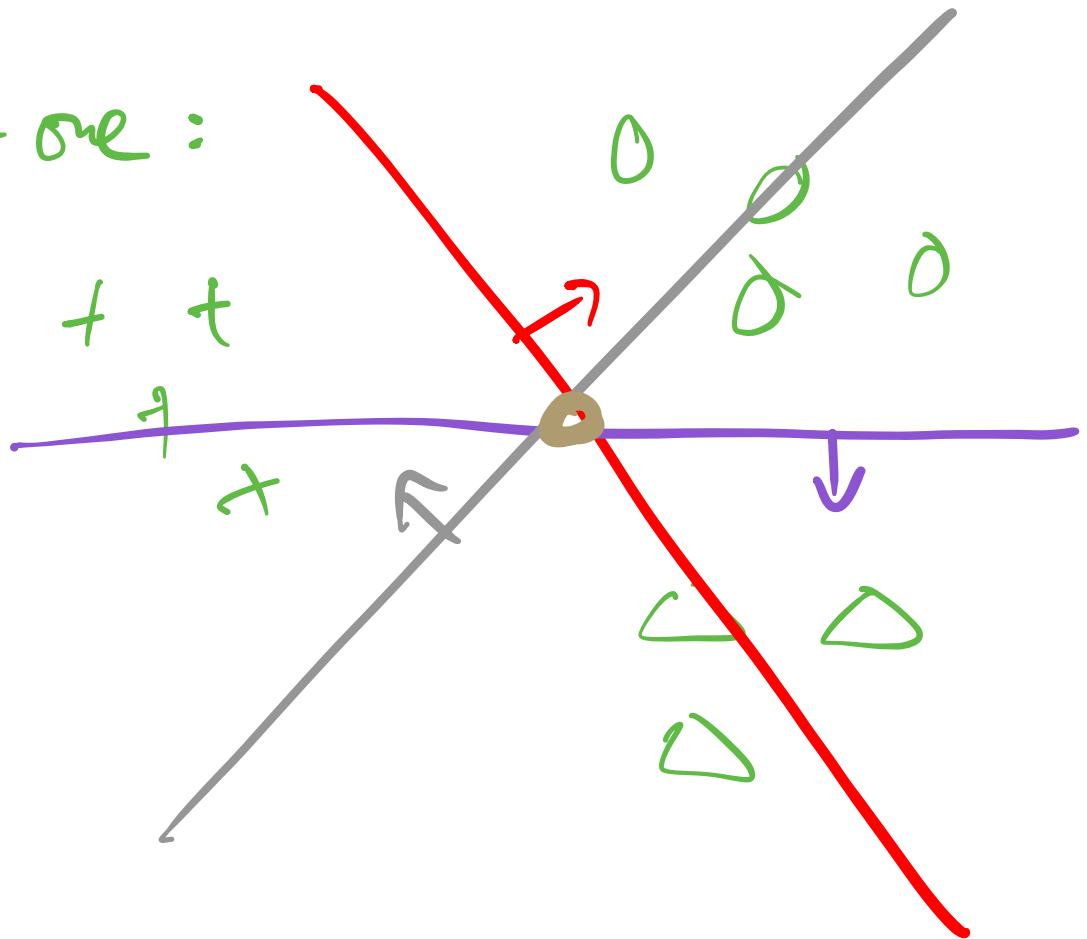
- ① Recomp SVM, kernels,
- ② MC SVM ✓
- ③ Ranking SVM → Theoretic foundations
- ④ HMMs → Rabiner 80/90?
- ⑤ Structured SVMs → Altmann et al.
(HMM-SVMs) ← 2003

$$p(y/x) = \frac{p(x/y) p(y)}{p(x)}$$

→ need learn a generative model
if you want to discriminate
classes

→ $f: x \rightarrow y$

pre - vs - one :



SVM:

$$\xi_i \geq 0$$

$$\Rightarrow y_n(\omega^T x_n + b) \geq 1 - \xi_n$$

$$\xi_n = \max(1 - y_n f(x_n), 0)$$

$$\|w\|^2 + C \sum_{n=1}^N \max\{0, 1 - y_n f(x_n)\}$$

PEBASOS SVM 1
pages.

