Theory : PAC

$p(\text{error}) \leq \varepsilon$

$p(c \text{ xor } h) \leq \varepsilon$

$p(c \text{ sym. diff. } h) \leq \varepsilon$

$\varepsilon \rightarrow \text{error}$

$\varepsilon > 1 - \delta$

Approx. Correct

Generalisation error
vs.
True error

Good event → at least $1 - \delta$

Bad event → utmost δ

Program for find-S algo.