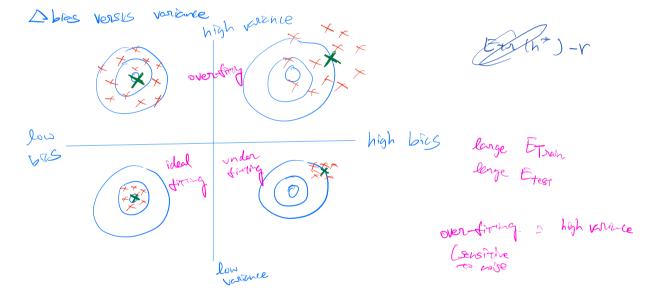
$$\Delta P[[E_{tr}(h)-E(h)] > \epsilon] \leq 2e^{-2\epsilon^2N}$$
training transition error?

$$\triangle$$
 How many training example do you need.
 $N \ge \frac{1}{2E^2} \log \frac{2161}{8}$ where $S = 2161e^{-2E^2N}$

E+1(h*)- Y < E(h*)



Etul) 20 to get god! E20

E-1-E20

generalization error