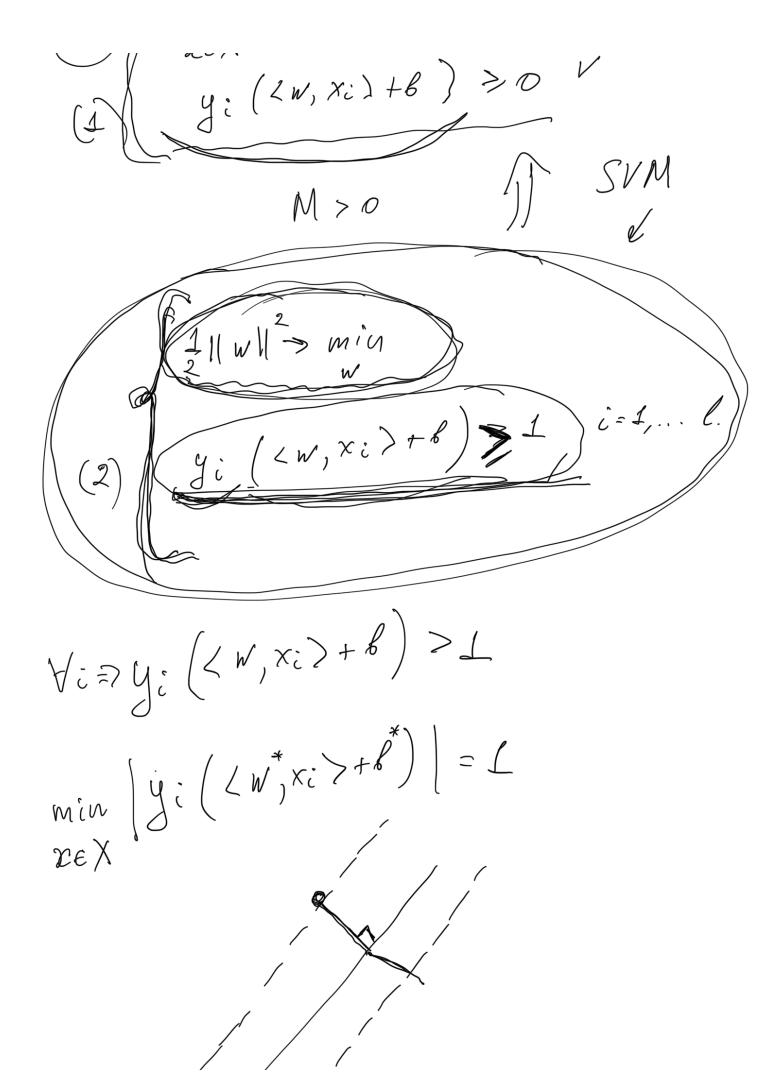
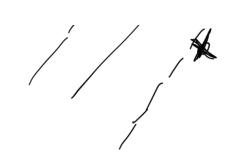


IIWII CREX WW W 11 w 1) max 1 LW, x>+B l=1 mí o

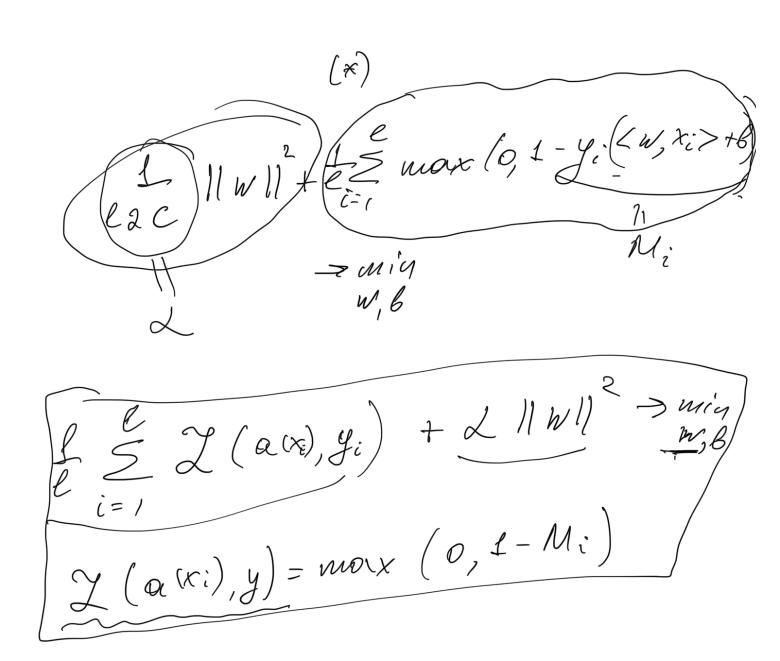


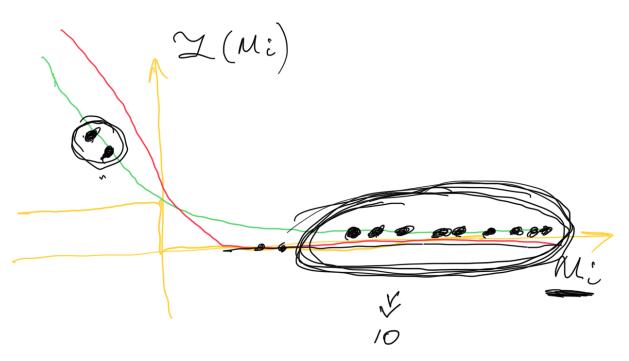


 $\exists x_i \in X : y_i (\langle w, x_i \rangle + b) \langle 0 \rangle$ $\forall w, b$

 $\int_{2}^{1} ||w||^{2} \Rightarrow \min_{w, b}$ $y_{i}(\langle w, x_{i} \rangle + b) > 1 - \{\xi_{i}\} \quad \dot{c} = \xi_{i}, \dots, l$

 $\begin{cases} \frac{1}{3} : \frac{$ $3i \geq max(0, 1 - 4i(\langle w, x_i \rangle + b))$ $\frac{1}{2} \| w \|^{2} + C \leq \max_{i=1}^{2} \max_{x_{i} > i} (0, 1 - y_{i} | w_{i}, x_{i} > i)$





 \bigcap \rightarrow m i

$$Q = \sum_{i=1}^{e} Y(Mi) \rightarrow mig$$

$$Sign(< w, \times > + b)$$