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initiae 79
# Slack voriable ? Mysing SVM
                                    - Layringe multipliens + 4/5% buyer, 4132 66/4 Ed.
                                                    -3323) sample ! $ = 0
                                                  - (52) Sample: 7;=0
-(52) Sample: 0 < 9; < 1 => 5== 25 == 101 x:24. margin ungal

Perisan bandangga

Plate Boda Sample

7 1712 205
                                                        Ever sample : 3; > 1 => 42al 42aze Davin Sample
                               _7 3元 Datapoint 1 745号 記り.
# SVM 회장도 문제 정석다.
                                    \star Cost Function: minimize J(w, 5) = \frac{1}{2} ||w||_2^2 + C\overline{L}_3^2
                                                                              · 206224 20: margin $12434
                                                                              · 득연고대 강: C=7134 ( 오메네스), 이번 강을 더 물보기 에인리. / 스키: horgin 인데독대는 대통은 전 나는
                                                                                                                                            3 )0 % sangle 4 4 3 1236.
                                               Constraints: 4: (wtx+wa) 21-9; , 3; >0
                                                                       コンコン 新信息 思知 建化
                                                                                                  · Cost Sunction
                                                                                                                                                        工(d)= 立め、一立立立 didiyixixixixi
                                                                                              · constraints
                                                                                                                                              \sum_{i=1}^{n} \alpha_{i} \gamma_{i} = 0, 0 \leq \alpha_{i} \leq C, (i=1, \dots, n)
                                                                                                                                                                                                                                                                                                                                                                        middle
 #七色的 发至 四日日至 约的 发生工 经处部门。
                                                     · 국이민 중검법에 보는 Red 전 변환하여 용고하고 Vector 로 변환한 수 있음 (용고 d)
                                                                                         \underline{\sigma}(\underline{\times}) = \underline{\sigma}((x_1, x_2, \dots, x_d)^{\mathsf{T}})
                                                                                                                               =(\beta,(\Sigma),\beta_2(\Sigma),\cdots,\beta_k(\Sigma))^T=\Xi

\begin{array}{c|c}
\bullet \ \underline{\Phi}(\underline{x}) : c_{2}^{1} c_{1}^{1} c_{2}^{1} \underbrace{\delta c_{2}^{1}} \\
|R^{d} \setminus \underline{\Phi}(\underline{x}) \quad R^{d} \\
\hline
\underline{\Phi}(\underline{x}) = |R^{d} \rightarrow |R^{d} \\
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\underline{\Phi}(\underline{x}) = |R^{d} \rightarrow |R^{d
                                                                                                                                                                                                                               (\underline{\underline{\boldsymbol{\sigma}}}(\underline{\mathbf{x}}_{i}, \underline{\mathbf{x}}_{b}) = (x_{i}, \chi_{i}^{a}, \chi_{i}^{3})^{\mathsf{T}} =
                                                                             "र्या वना रेग धिरें"
     # XOR 53.52
                                              \underline{X}_{1} = \begin{bmatrix} 0 \\ 1 \end{bmatrix}, \underline{Y}_{1} = -1 \underline{X}_{2} = \begin{bmatrix} 0 \\ 1 \end{bmatrix}, \underline{Y}_{2} = 1
                                                     • $(X) = == [[], $\overline{\Delta}(X) = = . []
                                                                           (₹)====[1], (₹)====[1]
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SOSE Marsin

· 123 \$2171 47162 Thisty has support vector margin intra Disputien

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• Emple $\overline{\Phi}(\underline{x}) = \begin{bmatrix} x_1 \\ x_2 \\ \overline{x} \end{bmatrix} = \overline{\mathbf{z}} \in \mathbb{R}^2$ $\overline{\Phi}(\underline{x}) = \begin{bmatrix} 1 \\ 1 \end{bmatrix}, \overline{\Phi}(\underline{x}) = \begin{bmatrix} 1 \\ 1 \end{bmatrix}, \overline{\Phi}(\underline{x}) = \begin{bmatrix} 1 \\ 1 \end{bmatrix}, \overline{\Phi}(\underline{x}) = \begin{bmatrix} 1 \\ 1 \end{bmatrix}$