ML Assignment I

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 $\{w_{x_i+b>1}, y_{i=1}, y_{i=1}, y_{i=1}, y_{i=1}, y_{i=1}, y_{i=1}, y_{i=1}\}$ 二版(xid)数为; min 与||w||²,约束部(p) y;(wixi+b) 71, i=1:2:3...m THRIBLE MAX $\frac{m}{2} (x_1 - \frac{1}{2} \stackrel{?}{=} \frac{1}{2} \lambda_i \lambda_j y_i y_j x_i^T x_j).$ =min (言意見からりり、xiTxj - こか). = \frac{1}{2} \langle + 122/1(213)(1,2) +22/2(2,3) +22/3 (2,3) [3,2) + 23 21 3,3) (1,2) +232 13,3) (2,3) +23 (3,3) -234 (3,3) (2,3) $-\lambda_{4}\lambda_{1}(2,1)^{7}(1,2) -\lambda_{4}\lambda_{2}(2,1)^{7}(2,3) -\lambda_{4}\lambda_{3}(2,1)^{7}(3,3) +\lambda_{4}^{2}(2,1)^{2} +\lambda_{4}\lambda_{5}(2,1)^{7}(3,2) \\ -\lambda_{5}\lambda_{1}(3,2)(1,2) -\lambda_{5}\lambda_{1}(3,2)^{7}(2,3) -\lambda_{5}\lambda_{3}(3,2)^{7}(3,3) +\lambda_{5}\lambda_{4}(3,2)^{7}(2,1) +\lambda_{5}^{2}(3,2)^{2} -\sum_{i=1}^{3}\lambda_{i}^{2}(3,2)^{2}$ = \frac{1}{2} \left(\Gamma_1^2 + 13 \lambda_2^2 + 18 \lambda_3^2 + 5 \lambda_4^2 + 13 \lambda_5^2 + 16 \lambda_1 \lambda_2 + 18 \lambda_1 \lambda_3 + 5 \lambda_4^2 + 13 \lambda_5^2 + 16 \lambda_1 \lambda_2 + 18 \lambda_1 \lambda_3 + 5 \lambda_4^2 + 13 \lambda_5^2 + 16 \lambda_1 \lambda_2 + 18 \lambda_1 \lambda_3 + 5 \lambda_4^2 + 13 \lambda_5^2 + 16 \lambda_1 \lambda_2 + 18 \lambda_1 \lambda_3 + 5 \lambda_4^2 + 13 \lambda_5^2 + 16 \lambda_1 \lambda_2 + 18 \lambda_1 \lambda_3 + 18 \lambda_1 \lambda_3 + 18 \lambda_1 \lambda_2 + 18 + 18 \lambda_2 + 18 \lambda_2 + 18 \lambda_1 \lambda_2 + 18 \lamb + 302223 -14224 - 24225 - 18234 - 302325 + 162425)-21-22-23-2x 東ウンナルマナル3-24-25=0

2-A 3-BB 4.B S.C 6.B 7.D 8-B 9-C