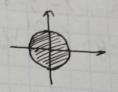
1) kar busungum sunapuni uneinai киассиорикотор? $Q(x) = \begin{cases} 1, & \text{lever } f(x) > 0 \\ -2, & \text{lever } f(x) \leq 0 \end{cases}$ rge +(x) = No + W1 X1 + ... + Wn Xn = No + 2W, X>, rge wi-beca npuzuerob xi, i=1,n 2) Umo marce omeryn? Kanue Corbogo worene Egewerns 13 zuara omomyna? Omogynau auropeum ua a(x) = g:ign y f(x)gthe observe x: then-en M: = y:f(x:)ly: - kracc, x koropoilly omnocures x:M: 50 L=> y: 7 a (xi) - amopumur conjoneur M: 70 (=7 y: = a(xi) - kuaccuopiey.

3 Crisorot, umo ogue um housuanol
x paber 1 re nopor he zancent, a
zanece. Kan enauspuoe hpaist. (y) (a) = 5 2 (M: (w)) -> min φ-yw sunu purecκοιο
pucce φ-yw noteps

(M; (W)) - opyrnyme nomens ? gancencerom ungurarop I (M:(x) < 0) - Done ygodine gue grapap-un run gru npune neuen Manux - muso grynux merogol on mullipayun ne men-nex apagnessa. Pyringer nomens в () о рабиа 1, nocue € этого ей Janyre vor 130 nocks-eur ubagpamurnou p-yeer noreps) 1 (M) = max(0, 1-M3) 9 Perguepuzagnue- orpanyrence znarenen becob moques. li- pery me pu gayrue [@ = £ L (Mi) - min LE INKIST

la-pergnapusague $\begin{cases}
a = \sum_{k=1}^{g} L(M_i) \longrightarrow m_i n \\
\sum_{k=1}^{g} w_k^2 = 7
\end{cases}$



(10) layer reorpanierebame emenens houernouse been governo John poemamoino Donoriuseus no morga inogens orenes negonarius propriente em persual nipetato, me mogens inones gumb orenes hepetatoriena => plago nuspagatobame mogens za rancee-mo beca, nanpueree, onnullivarius op-n potabins equerius magyner luces nieles abappant re npienes inogeneses la parquer to l'use la, mo emerens nousenaires he parquer to transper o tenes observers ne ne syper he protyrumes.

Begenne fengue propatore nobouncies yemorianboer feminis rv. Dengralex, karga minimungue sunique exoro puera goomamaeser na munique en descripcio puera anopur una, quignua-emes en aboundes es gemotivilboeme anopur una puere emes es accompens.

3.2 flyoms en E18th museum monmansone posonteg-re, bee en homeneum megabres. un museum pabuse guenepeus 6.

 $ln p(w, 6) = ln \left(\frac{1}{2 \pi 6}\right)^{m/2} exp \left(-\frac{||w||^2}{26}\right) = -\frac{1}{26} ||w||^2 + const(w)$

bepaernolmusité eulaier proparuerpo jennepelzaipen: On os hommo rhonopequonairen giernepeure bentopia nopalues pob 7 = 2/6. Yberevier hapaieren 7, yerrenairen giernepeern rapairet pol, eulgobors, zompergaeur korop-ier n prenerier euleuren euleurekour bous reese m prenerier euleuren euleurekour bous reese.

(3.3) X=1R, Y= 5-1;+13 (*) a(x) = sign (\$\frac{2}{5} w_j x^j - w_0) = sign(\(\pi_1 \pi_2 \pi_2 - w_0\) - X- / X+ * Theorem: Marine

- X- / X+ * Theorem: Marine

- Langela-au ma-mo

- Langel будин допускать оппеки перезденина, 3:70 - auntre na X:, i=1...l. Begger restpap za ejemopujo omerty 1 = Sw, w7 + C & 3: - min 1 4: (< W, X: 7 - Wo) 71 1 - 3:, i= 8,..., e (3;70, i=1,..., e yeubhar zagara omnerenzagner. M: (w, wo) = y: (< w, x; 7 - wo) - omemyn obtenta X; om yearners knaccob Arropuru (*) genaer oucurry na obbette X; 67 mongo M; CO. Eaux M: E (-1,+1), TO X; E pasger nonce

Ecu

land ll: 71, mo X: Knaccuop-en npabenens u kax-en no veros. paces-ner om nonces Us yen. gagares on ruecus =7 3:70 3, 7, 1-H: £3. -min T.e. 3: = (2-M:)+ Desyen. gagara on ruecersayuer

Q(n, no) = \$\frac{2}{2} (s - U: (n, no)) + \frac{1}{2} e |n|| - m:n