BAYESOV TEDREM 13.1.2009 AIAGADOC SOIZOSA Mongethan popadolije je P(AC) - da du to dopodici Aic P(AIC) -vior. A aleo Znowo do je dzionisc P(A(C) - P(AC) / P(C) P((1+) = P(AC) H PLA) PLAICI PLLI = PLAC) P(C/A) P(K) = PCAC)] P(12) P(C) = P(CIA) P(A) BAYEDY PICICIE P(CIA) PLA) TEDERM (izvideno iz geom. PLCY rasme trange) Se W, 9 C & X Uzorah 20mianus Meroj. de als incurs x de on propede my P(W, |x) - P(x/w,) . P(w. PLX)

yenoja most de pripade tom razradu vajuede x∈w; P(w; |x)>P(w; |x) ∀x≠i GA P(x/w;1. P(w;) > P(x/w;) P(ws) +j*i PLX1 PLX1 - Uc \ P(x|w|) P(w|) > P(x|w), P(w) - vis winduiste posteshe yenoja most postesne muite - neuade unije bitre ta vjerojetnost nego de p ue dojadi neue ochredene Greshe

- definire se vizile i neuelun fin jusike

Aldilwij waste ji also ji uzorch se sustre u wi qualital => 2 (al x) = = 2 (di/m) p(m) Occhvami. - Smanjvarje natu

[Xew; R(Lix) < R(Lix) & P(Lix) & J*i | bun art Burbatah websit

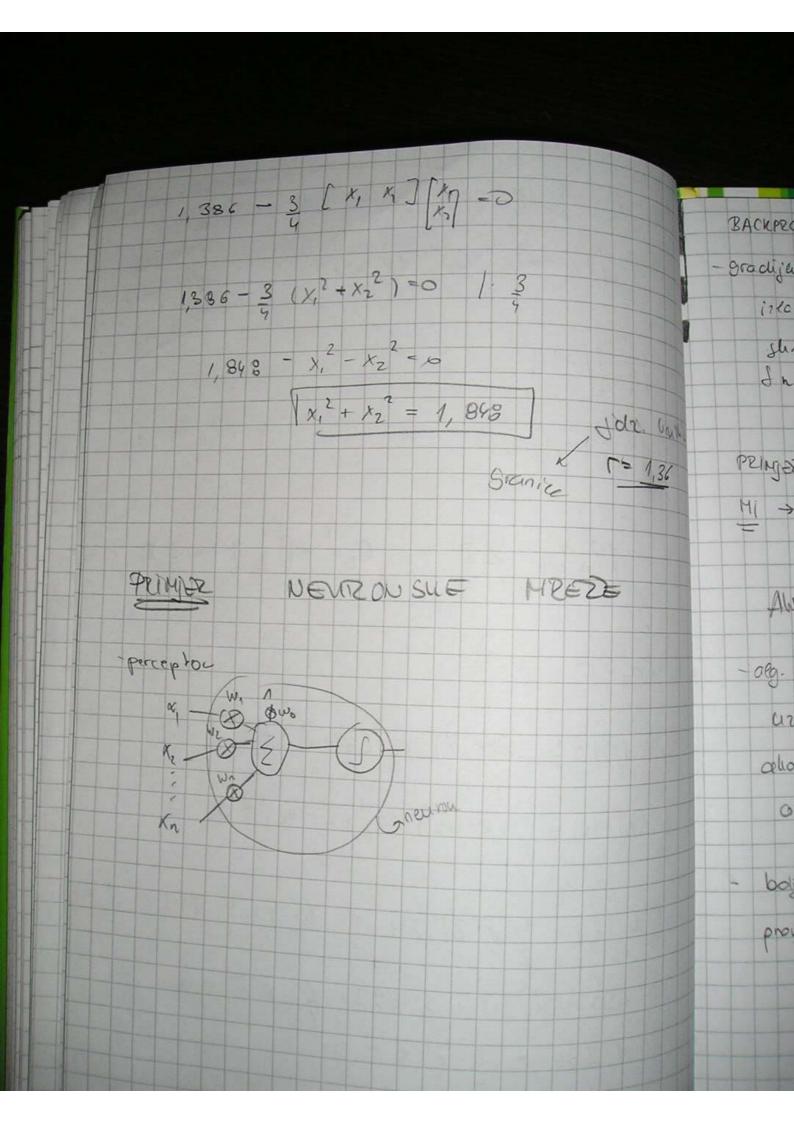
6 Cg GAUSSOVA ? b(x)= 1 5 5 (x-w)s O. . varjance w_ sr. vijed. Uzvrah - had is verijable dular) - visedineurisusers. P(XIWi) = 1 EXP (-1 (X-Mi) = 2 (X-Mi) = 2 (X-Mi) determinent.
od hover we ha hovarijanha matrice awares -> E; + 1 = 1x-m:1(x-w:)T occlivanje de malment eleparente logarimiranos fri (to mostra ser a > b => logarimiranos fri talo da vir i delje injediti provido) P(W; IX) we boje hat de paped lu (p(w,(x)) = lu(p(x/w,).p(w,))in Fort. lu (p(wi))+ lu (p(x/wi)) = powoth sometic princio $e_{i}(\rho(u; 1) - \frac{1}{2}e_{i}(z_{1}) - \frac{1}{2}e_{i}(z_{1}) - \frac{1}{2}e_{i}(z_{1})$

be - vairais potury. gill) + wadre he -> pomon 6 monson bie nogrise & mon daliti Guadrata. Je (had Bayrese te hee) more dobihi proizuajne dorumos) POJEDNOST MIGHER e=2 \(\frac{5}{5}\); \(\frac{0}{0}\) \(\frac{2}{5}\) \(\frac{2}{0}\) \(\frac{7}{5}\) dec. houje + ganice rueon rorredo Plu (- plu:) en (Ruis) - en 1 - 10 -) X0 = 1 (M1741)

(x-Mi) d 1-10(x-Mi) = (あず、一でが、) 「人」(カーネーカール) ince (Volumen - Loewe Traust.) -> trebe - PCA Sau PRIMIER BAYESON ULASIANAMOR w, = 2(-1,0), (0,-1), (1,05 (0,13) Wz= h (-2,01, (0,-2) (2,017, (0,2)) (M) azorale -) des mis - yero's host populincens N=4 N=N+N2 N=4 Eadamo onde =) $P(w_1) = \frac{N_1}{N} = \frac{4}{8} = \frac{1}{5}$ P (WE) = 1

(inoce pe) > siedist usoru (rasro) 4 (6)+1-1+10)+10)=0 mz = Kovanjacijku metria (Inace C, = 1 & (X;-mi) (X; (ii,))

(Los supp (0) 10 din 17 1= lu (ptw;)) - 1 lu 16:1-2 Panementer 4'colucte y'er. rom, 1 [(x-mi) Ci (x-mi)) 1'ncer ne (C, 1= 1 = 1 = 1 (C1= 120 = 4 C1 = [22] = ZI Cz = [2] = 1/2 I 01) dy -dz = 0 -1 lu(c,1-1 (x-w,) c, (x-w,)+ 2 lu (1) (x-42) Ci (x-42) = 0 -1 he (= 1 x 2 1 x + 1 the 4+ = x = 0 0,693-XTX+0,693+1XX=0 1,386 - 3 x x = 0



BACKPROPAGATION ALG. - gradijent to irlami do; do = 50 (1-40) (00-40) shoveri stoj. In - In (1- yn) Ewinde Le (down bream h) Chillie PRINGER > dajdovi (dodahi) 36 literaturi olg.) MI > Obonerno digitar: 1111 Alu = n - J. N - olg. se zouistavije hada x produ si urora ra urrenje i stede x posretur cello à el onos a romestanje, a Que de rouse delle ser use gedrone dup, a bolia de duju (Slup 20 Volidacju) projection I thup in volidacy previse specifelium Tolar de alle