2	Input vector: [8]
Selever w	
	50ftman (21) 2
-	50/tman (2) 2 = ===============================
	j
	e ⁸ 2 9989 9/
	7 300,36
	e ² 2 1
	Zez = 2980,96 + 148,41 +1
	-) 2. 3130.37
	Softman(8) 2 e8 2 0,959
	3130.37
	softman(5) 2 c5
	3130.37 0.0474
	CoCt was 1 1
	E18000.00 = 5 (0)
	£€.000 €
	Output probability 2 [0.952
	0 · 0 · 0 · 0
	0.000319
	Loss 2 - 5 x law (8)
	1053 2 - 2 day (P.)
	Parget vento = = [1,0,0]
	[argel: vedor 3 2 [1,0,0]
_	

O.55 2 - (1. log (0.952) + O. log (0.0474) + O.log(0.000319)
Loss = - log (0.952) = 0.0496
•
ž ŽIII. i i i
3- y = o(2) = o(2.12 +b)
7 2 0 91·W+b
Neuron 1
Neuron 1 Q = [1,8,-6,-2]
W 2 [1.8, 0.1, 2.7, 3.5]
b > 1 2 3 1
Z = 9. W + b
$\frac{3}{2}(1\times1.8)+(8\times0.1)+(-6\times2.7)+(-9\times3.5)$
+ 2.3
z -18.3
y = 6(2) 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1+e-2 1+e-18.3
refeel =
= 1.15 × 10-8
J & A 102
Neuron 2
n 2 [11, 81, -16-21]
10 2 [7.8, 0.1, 3.7, 3.8]
6 2 2.5

2 21 R.W. 16
+(P.Ex 31-)+(1.0 x18) + (8.F x 11) =
(-21 × 3.8)
4 2,5
2 0/8/ 2 /
7 2 5(2) 2 1+e-2 1+e42.6
≈ 3.15 ×10-19
10332-1 5/11/04/21
Loss 2 - /2 \(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2} \right) \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2} \
1 t 12 ([1] 811 (1)
t, 21, t2 =1
Coss 2 -1 (10g (8,) + log (82))
And the state of t
2 -> (log (1.12 × 10 8) + log (3.15 × 10 10)
2 - 7 (-18.31 - 42.60)
2
= 30.455
Coss = 30,46
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1



