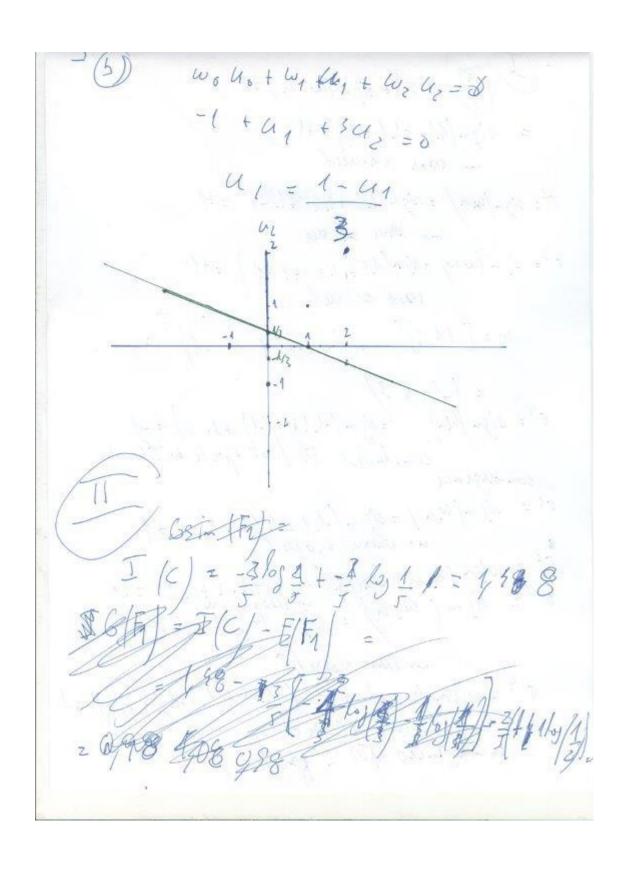
01 = sign (w. a) = sign/1.1 +1.1+1)=+1 0 = 015- (4xn) = sign (1.1 +1.2 +1.2) = +1 = Nj - (ww) = njm/1.1 + 1.0 +1/1) | w=[11]] - (-1.1)(4 0. -1) 54 = Night (Win) = Night (-1.1+1/-1) +3.0) ois m/w. u/ = 01) m/-1.1 + 1. (+3. 1) = +1 σ = 0 y ~ (w. u) = n j m (-1.1 + 1.2 + 2 2) = 11 σ = n j m (w. u) = n j m (-1.1 + 1.2 + 2 2) = 11 5 4 = sign (w. u) = ob_ (-1.1+1.1-1)+3.0) =1 conveyences after 2° proch



- to in the next of the Giventhat 12 the biggest Coin

= - (2 6) - 2 63 = 1 E(Fi) = 2 / 19/2/1982 = 1 G(Fi) = 4-(E) - E/Fi) = 0 6(F2) = IK) - E(F2) = 1 - 1 fly - 1 log 1) - 1 log 1= ON 6 (F3/2 I(c) = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 2 (-1/2) = 2 (-1/2) A single perception by design can only decent a

limed separation lime. Horse complex much med

and legels. In this case, at least 2 higher would

be medid.

And Also Decision is usefull to classify

the pieces as defective and man defective pieces

1.55 Roser 1.57 Robberg on 172.2

1.55 Roser 1.57 Robberg on 172.2

1.57 W on as > 3.1

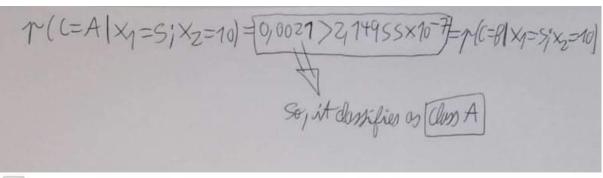
IV)

(a) Quarry relation;
$$x = [6; 10]^T$$
 $| A (c = A) = \frac{1}{2} = 0, s$
 $| A (x_1 | c = A) | A (x_1 | c = B) | A (c = B) = \frac{1}{2} = 0, s$
 $| A (x_1 | c = A) | A (x_1 | c = B) | A (c = B) = \frac{1}{2} = 0, s$
 $| A (x_1 | c = A) | A (x_1 | c = B) | A (c = B) = \frac{1}{2} = 0, s$
 $| A (x_1 | c = A) | A (x_1 | c = B) | A (c = B) = \frac{1}{2} = 0, s$
 $| A (x_1 | c = A) | A (x_1 | c = B) | A (x_1 | c = A) | A (x_1 | c = B) | A (x_1 | c = B) | A (x_1 | c = A) | A (x_1 | c = B) | A ($

b)
$$(C=A)$$
 $\sigma_{x_1}^2 = \frac{1}{n-1} \sum_{k=1}^{\infty} |x_1; -\mu_{x_1}|^2 (2)$
 $C=A$ $\sigma_{x_1}^2 = \frac{[0-3;75]^2 + [0-3;75]^2 + [10-3;75]^2 + [5-3;75]^2}{4+1} = \frac{68,75}{3} \approx \frac{1}{3} \approx \frac{$

CS Digitalizada com CamScanner

$$\begin{array}{c} \sum_{0,0450} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20} 0_{10} 0_{20$$



CS Digitalizada com CamScanner