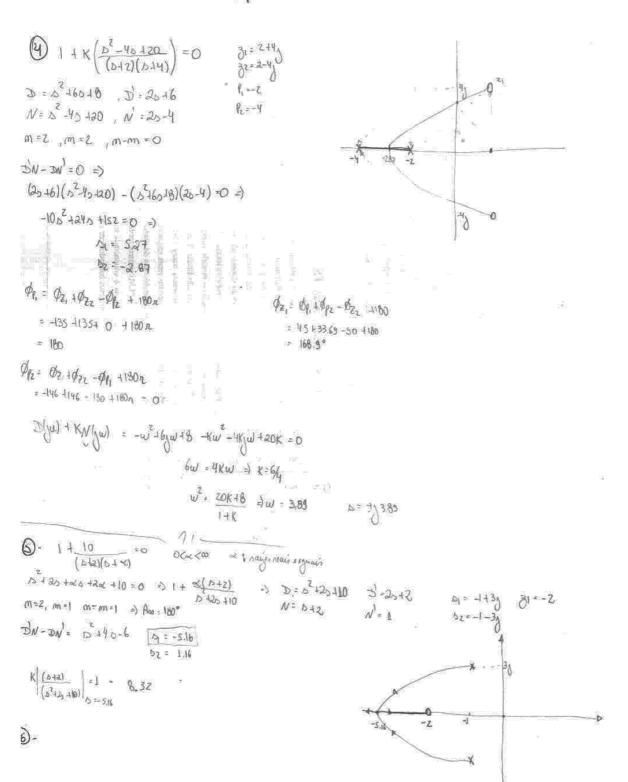
```
D- 6, = KP
              K= 1440
2) Ko = ?
    32.03 - 20 log Ko-20 log w = 32.03 = 20 log to - 20 log 1 = 32.03 = log to = 10 - 10 - 19,94 = 40 5
) Cla) = Kp , MF = 40° ?
UF-40 => 1 = 140 => W = 25.83 => | [6] = 3.50 = 1.71.86
 70 Joyke -- 171 => Joyke -- 171 => Ke = 10 -17/20 - 0.82
) Els) athoso, MF-45tho
(P) = 55° + ω = 36,95 nod/s
 181 W. K. 25 = 646 38
   -20 loy p = -6.46 =) log p = 646 => p=10
 1 2 10.0585 = 0,807
                                                  (b) = 684.73(0+1.695)
K= K= p = ) 1440 - K= 2.10 = 1K= 684,73
                                                             (40807)
@- Type Z Gla)-Cla) 8/6) Ka: line o2 Gla)
Assertata de laura freg: [Cjulljul] = 20 log ka = 20 log ka - 20 log u² =>
|Cp) (jul =0 =) logka = logue -) Ka = w = w.
3) - (16) = 10 MF=45+5" K=1
frey . Own : 100 nod/s
(Pb) = 180° = 5 MF=0°
$\phi_m = 50° \( \alpha \alpha = \frac{1 - \delta nso}{1 + \delta enso} = 0.13 \text{ Z}
0) (or) . 20 log ! = 8.7218
16/ (m) 16 = -8.77 ou (10/2) = (a) +) 10 = (a) -) w = (10/2) = 5.24 nod/o
m=We= 5.24 nod/5 = 1
                      =) T = 0.524
3ho . = 1.90
P. 14 4
K=1= Red =) Kx = &=7.54
```

Cb) 7.54(3+1.30)

(5+14.4)

A.



 $\bigcirc \{|b\rangle : \frac{K}{N(b+3)}$

MP = 20%

Gb). K

Wm - K ⇒ K : 49

2(Um =7 =) 2.0.5 Um=7=) Um=7

M= e(2/1-52) = > lm(0z) = -5 = - 10 = 50 = 50 = 160 | 50 = 160 | 50 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -52 = 250 | -5

Ko = lon 6566) = 13.49 = 7.

5 = -ln (7.01/100)

5) Rose Cn= 1 = 1 = 140 =) Ko=140

140 - lim & Clo) 86) = \$ Kep (TO +1) 49 => 140 = Kep 7 => Kep = 20

(c=1 p=20 (b) = (154001)

5.0

90