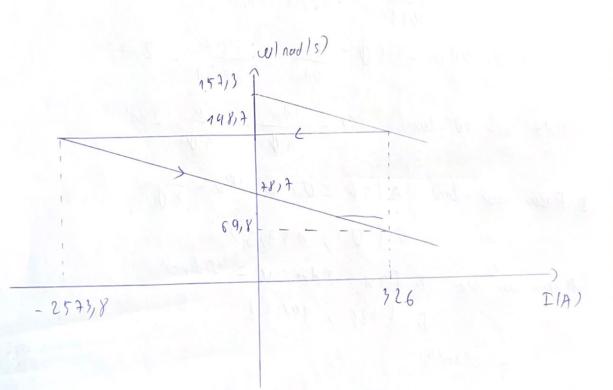
```
1, Dang co 1 chiều KT đôi lập
            Potus = 31,5kw, nous = 995 (rpm), Motus = 302 (Nus)
            I Am = 90 (A), y = 79%, RB= 965 (2), LB= 0,6/wh)
         a, vi đợ đời tail rotistis nhiên cuố đồng ro
                    Udm = Pdm = 31,5.103 = 443 (V)
tach: Udm = UR = ER + IR. RR
                                            => 943 = E up + 90.0,65
                                =1 EQ= 384,5 (V)
              1) Wam = Man = 995 = 104,2 (nad) 5)
               Lai co: Eur = Kø. 1 cod = => Kø = \frac{Eur}{w d_{m}} = \frac{389,5}{109,2} = 3,69
         PT doi tuit co tien: w = \frac{yw}{\kappa \phi} - \frac{kw}{\kappa \phi}. In
    =) IR = 0 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 = 100 
                => Pien stus uhat. A (In=0, W=00) hay A (0; 120)
                          Pien dus hai B(In=Idm; W= Wdm)
                                       2 W(nodk) B(90; 104,2)
                  104,2
                                                                             Idu=90 T (A)
                                       Aai tinh co diens tig nhuen
```

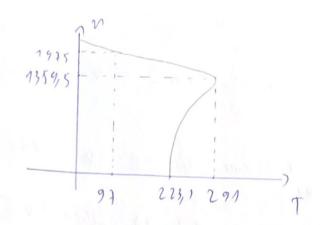
-52,1

```
(dis 2, cho tâng ro 1 chiều 11) doi lag
  P dm= 34,98 (MW), ndm= 1420 (npm), Mdm= 885 (Nm)
  I Am = 326 (A), y = 91%; Ru = 0,0+4(2); Lu= 1,99 (w+1)
a, ve doi tant is trên to nhiên của đứng iv
Man = Pot un = 1217.103 = 42,8 (V)
 ER = UR- IA. RR = 428 - 326. 0,07 4= 404/V)
 Wdw = notus = 1920 = 198,7 (nod/s)
 EN = KQ. Wdm => KQ = ED = 404 = 2,72
  PT doi tuil 13 dies ' le = MB - RB IN
 I A ven thus mhai: A (In = 0, W= W0 = \frac{y_0}{K0})
              =1 A (O; 157,3)
  Aien dui har B (IR = Idm, W = Wdw)
                B (326; 148)7)
        2 WI rad/5)
    15713
    1 4817
                               I/A)
```

 $R_{y} R_{y} = \frac{1}{2} \frac{1}{4} \frac{1}{4} = \frac{1}{2} \frac{1}{4} \frac{1}{4} = \frac{1}{2} \frac{1}{4} \frac{1}{4} \frac{$



Cours, Aing cd KAB solio Noto long suc brace = 50113 / DIY: 250/400V Practi = 15KW, Marte = 1475 Apm, Trate = 97 Nm 105 Prate = 0,85, Irate = L8A a, $NI = \frac{ILR}{I_{Rate}} = 7,3 = 1$ $ILR = 7,3 I_{Rate} = 7,3.28 = 204,4 [A]$ > LR = TLR = 2,3 = 1 TLR = 2,3 Thate = 2,3,97 = 223,7 (Nm) (Momen KA) \B = \frac{TB}{=} = 3 = 1 \TB = 3. Trate = 3. 97 = 291 (1Vm) (Momentos han) $\frac{2\pi 60}{10} = \frac{2\pi \cdot 50}{\cancel{19+5}} = 2,03 \Rightarrow p = 2$ $= 100 = \frac{2\pi 60}{p} = \frac{2\pi .50}{2} = 50\pi = 100 = 1500 (19m)$ $W = \frac{n_{Add}}{9.55} = \frac{1475}{9.55} = 159,95$ =1 Snow = W1 - W = 0101679 Sel 0,01679 nd = 1/1 - Sal) = 1500 (1-0,097) = 1354,5 (npm) =1 Sal = 0,097



Cy 0,5 Trate =
$$\frac{2.TB}{Stk + S}$$
 = $\frac{2.291}{0,097}$ = $\frac{2.291}{0,097}$ = $\frac{0,097}{S}$ = $\frac{0,097}{S}$

=1 5= 8,19.10-3

=1 $N = u_1(1-s) = 1500(1-8,14.10^{-3}) = 1487,79(19m)$

C, Taco : MonA € 10; 223, 23

M~ ul =, Ugian con 0,5 -> Majain con 0,52=0,25

=1 MKA E 10) 223,19 = 10;55,7755

4, brate = 50 Hb, D/Y = 230/400V

Prate = 18,5KW, nrade = 2955 spm, Trate = 60 Nm

Cos Prate = 0,88, I rate = 63,5/A)

Paig KA: ILR = 7,9.33,5= 264,65 (A)

Momen KA: Tel = 2,9. Trate = 2,9. 60 = 179 (Nw)

Momentolian: TB = 316 Trate = 3,6.60 = 216 (Nm)

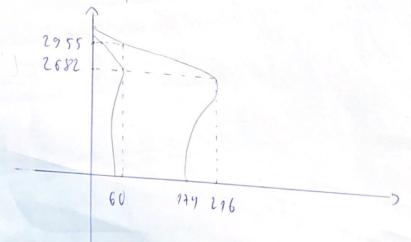
Ta ed: My = 3000 (AP as), P= 1

Snate = $\frac{n_1 - n}{n_1} = \frac{3000 - 2955}{3000} = 0.015$

That = $\frac{2TB}{Snote} = 160 = \frac{2.216}{0.015 + 5d} = 25ds = 0,106$ Side Shate

nd = M1 [1-5d) = 3000 (1-0,106) = 2682 (2pm)

b, 4 con 0,5 lon= 1 M gian con 0,25 n (19m)



-> T (m Vm)