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19.4: mstew + Michaether + VII. Gorden / Ari men any grow Es: Coffats Vis Fr: Fire carrells som Wolvet M3: Vin of prace 3. 11. 82- 172: I sturbition collect

. stude cue meter you. Setude Arani vae:

111 Si- ma: Vere portigue /o = Jepeportigu/ + Jepet/o Ause: Nep & partigue /4 = 2 . 2 portigue/4.

1 = 3 (2 portygu/0 - 24/c).

 $\Rightarrow V = -\frac{2}{\lambda \Gamma} \cdot \omega_{\psi} \quad \forall \quad \omega_{\iota} = \frac{\omega_{\iota}}{\rho_{\iota}}$ る of chortysulc = - I. C+ス + イン.

の人間間 I more of the

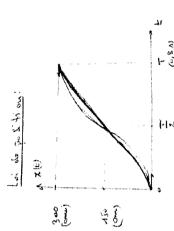
one: Jumme = Jake it = Vanxi - I. M Str. - , calland de Vuevi:

Commis 2 Course 1 A.N. " Maxi = 0,75 m/s

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)

.) culou & de ruport (b):



Loi d'acce long tion - 2 V mail - 1/m/2

Se- Etude du Evain

63 11 H3+80 11 H3

0 1 your de 12: ma: 20 = 22x + 2,

= IZzz 15 deats.

A. ralen de bi

church low Low et det nouver o ue

87- TEC " E = { motow + reduction + porty and

de Telo = 1(8 x 8/0) + Paran 200

, 27 = 27 mlo +27 mot/o +27 Rp.
27 = 27 = In. wo. + M.V. + Ir. w.

A. 276/2 = [Jm + M. 12 + 5r. Az]. wh.

RE-selo) = Run + F. I. I. WA.

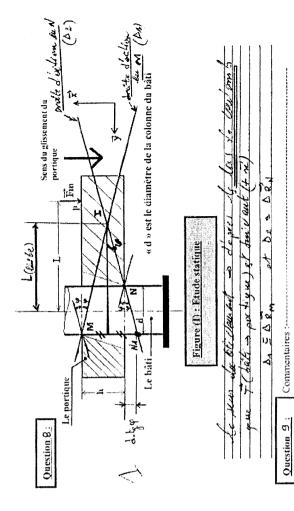
1 - NT. 60 = (E =) Cm + F.P. = (Jm + MP + Jr.) · W.,

**MMCC: (Fe = - F.P) L Jm + MP + F.

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)

+ Etude statione: Voir Som out Roome OF + B



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Question 10: 190: Crack: 1914 = 16 + d. f. C.

Onestion 11:

(3)

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Source of the Sty School of th

of C.I.B.: I this is mentionent dealy st itous (than earlier).

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= I the (I alim) on M) (L, M): (vertical).

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ona: The ely = 0,3m ys = 10m ely = 0,33 m/s

ona: The ely = 0,3m ys = 10m ely = 0,33 m/s

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1 Tout = 11 Vreque = 11 Vrestul = 0,64 m/s

) Le Nouve await 468/4;

ons: (1,K) || o (3,1) et VIES/4 I (1,1) ent co d

VIES/4 // VKES/4 -> 115/8/4; formon herm

Creansherm.

1 VICELY I (3,2) ent of INTERIUR = 0,64 m/s

Etuck d'Auperstatione:

> leg. chisi eine d'«xe (3).

Cil 415- | gin to omies i seg. reacheparolauts = 1/n=3.

8.77- Awantage: Rigide.

+ tude of martie

Detude dynami gue

C. 28 G.S. R. St au trau lation smiles me 112. = Br Californ.

Fr - (m2+m3+m4) 9 = 3 m (62) . 1 CE2/RA

P

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 $\int \frac{\cos(x)}{3} \cdot S(\omega_3, \varepsilon_{A}|R_A) = \frac{1}{3} \cdot S(\omega_3, V_{R_A}) + \frac{1}{3} \cdot S(\omega_3, V_{R_A})$ $\int \frac{\sin(x)}{3} \cdot S(\omega_3, \omega_4|R_A) = \frac{1}{3} \cdot S(\omega_3, V_{R_A}) + \frac{1}{3} \cdot (V_{CY}) \frac{1}{2} \frac{1}{2} \left(V_{CY} + V_{CY} + V_{CY} \right) \frac{1}{2} \left(V_{CY} + V_{CY} + V_{CY} + V_{CY} \right) \frac{1}{2} \left(V_{CY} + V_{CY} + V_{CY} + V_{CY} + V_{CY} \right) \frac{1}{2} \left(V_{CY} + V_{CY} + V_{CY} + V_{CY} + V_{CY} + V_{CY} \right) \frac{1}{2} \left(V_{CY} + V_{CY} \right) \frac{1}{2} \left(V_{CY} + V_{$

3 3 Ser. 4/2, = \$\frac{1}{4} (3 5(00, 4100)) + \left(m4 \Vor) \left(\sigma\left(\sigma\left(\sigma\left(\sigma\left(\sigma\left)\right)\right)}{\sigma} = \frac{1}{4} \left[(3 \cdot 2(\varepsilon, 4) \cdot 3) \frac{1}{2} \left(m4 \left(\sigma\left(\sigma\left(\sigma\left)\right)\right) \frac{1}{2} \left(\sigma\left(\sigma\left(\sigma\left)\right)\right) \frac{1}{2} \left(\sigma\left(\sigma\left)\right) \frac{1}{2} \left(\sigma\left)\right) \frac{1}{2} \left(\sigma\left(\sigma\left)\right) \fr

1 = [e4+63+m4(L+y)2]" + 2(L+y).y.o.m+

4) Etude Automatique:

o) ocom.cosa esucrecent beserved

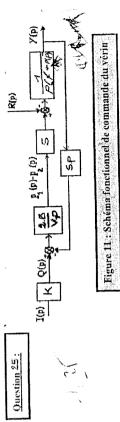
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b) one $(L - K = \lambda L)$ $(L \rightarrow K = 2 \lambda)$ $(L \rightarrow K = L)$ $(L \rightarrow K = L)$ (L

924- 20: 1900 = 8p. y0 + 4. p. (1500-120).

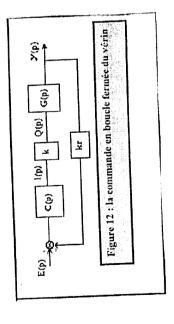
2, x(20: 100 = K. ID: 100 - 80) - 71. y0 - 80.

4 2- ASSERVISSE MENT



 $Q_{26}(y) = \frac{28.5}{\sqrt{\rho^{2}(6+mp)}} = \frac{28.5}{285^{2}p} + \sqrt{\rho^{2}(4+\sqrt{m}p^{3})}$ $\frac{\sqrt{\rho^{2}(6+mp)}}{\sqrt{\rho^{2}(6+mp)}} = \frac{28.5}{285^{2}p} + \sqrt{\rho^{2}(4+\sqrt{m}p^{3})}$ $\frac{A}{\sqrt{\rho^{2}(6+mp)}} = \frac{A}{\sqrt{\rho^{2}(6+mp)}} = \frac{A}{\sqrt{\rho^{2}(4+\sqrt{m}p^{3})}} + \frac{A}{\sqrt{\rho^{2}(4+\sqrt{m}p^{3})}}$ $\frac{A}{\sqrt{\rho^{2}(6+mp)}} = \frac{A}{\sqrt{\rho^{2}(6+mp)}} = \frac{28.5}{\sqrt{\rho^{2}(6+mp)}} + \frac{A}{\sqrt{\rho^{2}(6+mp)}} + \frac{$

827-



4. Har O 1 K2 . K - GO - K+.

=> H62(P) = Ke.K. A p [1 + 2 p + p2]

1) Es = 0 can d= 2.

2- one: A.K = 11; 3-0,26; wn = 100 rals.

2- one: A.K = 11; 3-0,26; wn = 100 rals.

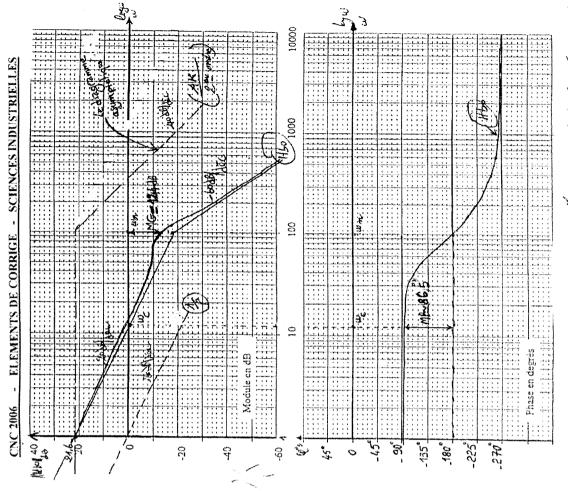
(H60 (wn) | = 1; wn | My (thy w) = -15°;

or Arg H50 (wn) = -15°;

or Arg H50 (wn) = -15°;

pour w= w= (1+ bog w=) | = 12. Ke

d- Hoo(P) = 12 P. [1+22p+ P2] (voir trop 6) Qm = 100 rulls



e-spour le Muge le Gau Mg. elle conceper o' che caleur ser dis de le clade pre Coloment: 520/174 = (12,4)23 At) Pour le Parge de pluse Mg: one con con extrevels > Mg = 185 + Arg the 6 we = 1562 XX