P3 Xanan Brunspin no armery. Renboe zoguine, 3 cen

Museum when worker

Down point => WIIF

Paumonner apolliques gerepames res Ep. 4 Ex

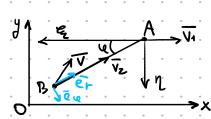
26 (- bring) => pla-b

M2+0 Em. 2 11 0 11 0 1 0 0-`W&'=0

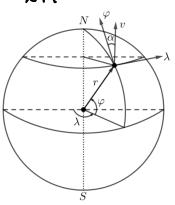
$$\overline{W} = \alpha(\overline{V} \times \overline{V}) = 0 \quad \overline{W} \perp \overline{V} = 0 \quad \overline{V} =$$

Orlew: P= 1/2

21.31



276



$$\int_{0}^{1} \frac{dt}{dt} = \int_{0}^{1} \frac{dt}{dt}$$

Uz rear coopran. Hr=1; He=r; Hx=rcose

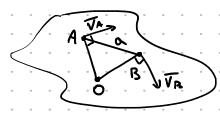
Vr=+ , Vu= rie, Va= Arcosco

 $N = \sqrt{\frac{h_3}{h_4} + \frac{h_4}{h_5} \frac{h_5}{h_5} \frac{h_5}{h_5} + \frac{h_5}{h_5} \frac{h_5}{h_5}} = \frac{1}{h_5} - \frac{1}{h_5} - \frac{1}{h_5} + \frac{1}{h_5} \frac{h_5}{h_5} \frac{h_5}{h_5} + \frac{1}{h_5} \frac{h_5}{h_5} \frac{h_5$

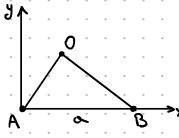
M=- 1/1/12:5/4-4/2 D= 1/1-2:5/4-4/2 M= - 1/2 + 2/2 Ma= - 1/2 +

2. Kurymuncher megyoro mean 2.4. Reschonopenelles your.

HOSMU: realizeaches Resilient nozore urzor germpe clespoches, each $\lambda \pm 1$; $\lambda = \frac{V_A}{V_B}$; |AB| = 0



& co, ye A(0,0); B(0,0)



$$= \int_{-\infty}^{\infty} \left(\frac{1 - y_2}{y_3 \sigma^2} \right) dx = \left(\frac{1 - y_2}{y \sigma^2} \right)_3$$

$$O_3.20$$

Upuboulum: $l, ω_0, ε_0$
 $r, R=2r,$
 $r,$

Ryme mosgenseus genero za breus t Gramortage Carantage Con the Control

$$\overline{W_{A}} = W_{O} + \overline{\varepsilon_{O}} \times \overline{OA} - W_{O}^{2} \overline{OA} = \begin{pmatrix} 0 \\ 0 \\ \varepsilon_{O} \end{pmatrix} \begin{pmatrix} 0 \\ 0 \\ 0 \end{pmatrix} - \begin{pmatrix} W_{O}^{2} \\ 0 \\ 0 \end{pmatrix} = \begin{pmatrix} -W_{O}^{2} \\ \varepsilon_{O}^{2} \\ 0 \end{pmatrix} ; \overline{\varepsilon_{A}} = \frac{dW_{A}}{dt} = \frac{dW_{O}}{dt} \cdot \frac{1}{2} = \frac{\varepsilon_{O}}{2}$$

$$\overline{W}_{A} = \overline{W}_{A} + \overline{E}_{A} \cdot \overline{A}M - \omega_{A}^{2} \overline{A}M = \begin{pmatrix} -\omega_{A}^{2} \ell \\ \varrho_{0} \ell \end{pmatrix} + \begin{pmatrix} \varrho_{0} \ell \\ \varrho_{0} \ell \end{pmatrix} + \begin{pmatrix} \varrho_{0} \ell \\ \varrho_{0} \ell \end{pmatrix} + \begin{pmatrix} \varrho_{0} \ell \\ \varrho_{0} \ell + \omega_{A}^{2} \ell \end{pmatrix} = \begin{pmatrix} \varepsilon_{0} \ell + \omega_{0}^{2} \ell \\ \varrho_{0} \ell + \omega_{0}^{2} \ell \end{pmatrix}$$

$$\overline{V_{B}} - \overline{V_{A}} + \overline{W} \times \overline{MB} = \begin{pmatrix} 0 \\ -V_{A} \\ 0 \end{pmatrix} + \begin{pmatrix} 0 \\ 0 \\ \omega \end{pmatrix} \times \begin{pmatrix} x \\ -y \\ 0 \end{pmatrix} = \begin{pmatrix} y_{C} \\ w_{C} - V_{A} \\ 0 \end{pmatrix} = \begin{pmatrix} v_{A} \\ v_{C} \\ 0 \end{pmatrix}$$

$$\begin{cases} \sqrt{r_3} - y_{00} = y_{00} = y_{00} = \frac{\sqrt{A}}{X}, \sqrt{r_3} = \frac{\sqrt{A}}{X} \sqrt{A} = y_{00} = \frac{\sqrt{A}}{X} \sqrt{A} = y_{00} = y_{00$$

$$\sqrt{3} = \frac{q \left(\frac{x}{\sqrt{3}} \sqrt{a}\right)}{q \left(\frac{x}{\sqrt{3}} \sqrt{a}\right)} = \sqrt{\frac{x}{3}} \left(\sqrt{4} + \frac{x_2}{\sqrt{3}}\right) = \sqrt{\frac{x}{3}} q_3$$

$$\begin{cases} X & \mathcal{E} = -\frac{X_{2}}{2} \frac{X_{2}}{4} = -\frac{X_{$$

$$= \frac{V_{A^{2}}}{X^{2}} \left(\frac{-X^{2} - (y - y^{2})^{2}}{X^{2}} \right) = -V_{A}^{2} \left(\frac{(y - y^{2})^{2}}{X^{2}^{3}} \right) = -\left(\frac{X \cdot V_{A}^{2}}{X^{2}^{3}} \right) = -\left(\frac{X \cdot V_{A}^{2}}{X^{2}} \right) = -\left(\frac{X \cdot V_{A}^{2}}{X^{$$

23.25

Harrie Wan, War

Vo=Vc+ω×00 =0 => Vc=ω×00

Ouben: War = R 1x2+y2, Wan = Vc2 1X2+y2

 $03.36 \text{ V(1)}, p(1) \text{ How. } \omega$, ε mperparation (7.5,5)

$$\overline{c} = \frac{(\overline{v}, \overline{r})}{\overline{s}} \overline{c}$$

$$\overline{c} = \overline{c} = \left[((v, \overline{r}) + (v, \overline{r})) \overline{p} - (v, \overline{r}) \overline{p} \right] \overline{c} = \overline{c} \left(\frac{(v, \overline{r}) \overline{p} - (v, \overline{r}) \overline{p}}{\overline{p}^{2}} \right) = \overline{c} \left(\frac{(v, \overline{r}) - (v, \overline{r}) \overline{p}}{\overline{p}^{2}} \right)$$
Onbew:
$$\overline{c} = \frac{(\overline{v}, \overline{r})}{\overline{s}} \overline{c} : \overline{c} = \overline{c} \left(\frac{(v, \overline{r}) - (v, \overline{r}) \overline{p}}{\overline{p}^{2}} \right)$$

2.2. Mongueronserance obuniques

$$\begin{array}{c|c} z & \zeta \\ \omega_2 & \theta & \omega_1 \end{array}$$

Down U, w, 02, 0; Hasmu. W, E our. Oz

24.10

Desco: r, l=r53, E, w Mosur: Wg, Eg, WA, WB

Orpen: N-1/13-5/3 1 cost (N/) - 102 hz; Mr = L (m3+ 1/5)

```
24.23 Done: X1, X1, W1, W2
                                Hazum Wx
X_{4} \xrightarrow{\overline{e}} X_{2} \xrightarrow{\overline{W}_{2}} X_{2}
                       Wz=WA+ ExXXX+ W (Wx XXXX)
 Wz = Wx + (xz-xx) Ex E + (xz-xx) - [ [ x & ]
  12 - My + (x - x4) Ex 5 + (x - x4) Ex 5 + (x - x4) Ex 67
 ( w2- wx + (x2-x) Exe + (x2-x) tax [ wxe]
 [[@v@J~\x] = Wx (x-x]) ~ (x-xi) (x1-x) texe + @vt@ve]
  Wx(x2-X+X-XA) = Wx (x2-X)-Wz(x-XA)
     =) Wx= Wx X2-X4 W2 X2-X4
                                   Ouben. Wx=Wx x2-x, Wx X2-X,
 24.30 Dano: E, W D-amo: Wep = What; Woc = Whopy
                                        maulo éau m. 6 ng. 6,0
                        | W=100+ Exx+ O+ [10x+] = Web+ Mac
               1) Mycum ExT=VF; GYLTOXF1=YT
  7-7-10x7 => 017, F17 => (0.66x1)-0(0.4)=0
               Cuied. Whoirs (5. 12:0: = 1 5. 7 remain 6 ogras in.
2) Byens to, E, Fromm & vyres modescom
 wx ( wx F) + wx F = 7 ( Ex F) => Wor L Woc
 7 = WxF 11 ExF = Wop; W=Wmc+Wmpm -1 Wpmpm rewyn 6 NJ. Wu Wmc
                           Wropm I Wille =1 Wropm I Woc
                   U3 rom. wosp: | Wop | = | Wine | ; | Wool = | Whyn
                          . Wep = Wine : Woc - Whopm
                                                <u>e.w.v</u>
                         Hazzer coscul. been gra mano. A(t)
                             אנו - אנו : אנת = נו , אנוז - נו נישיפ אנוז ביותם ,
                                          ۵٠٠٤ - لائم منع رؤ - لديم الدرو
                         Hanpulan our no th, Te, Tes:
                        Un=[3] Un=[3] Un=[0]
               A=[0 ws -sing] - nougher nough nection upoponing bound T, to V
```

During . W. O. of

Hesure you indoponing occupe ascertising

· Rock. w. 3p:

12 - cos 42 + is sin 2 12 - cos 6/2 + is sin 6/2 13 = cos 6/2 + is sin 6/2 10M= 20m-1. In + you + y

= \1- \12 \quad \- \quad \2 \chi \12 \quad \quad

Onbern: you noboroun d = 2 corcos (cos %2. cos 4+4); rump moungon: s!n %2 cos 4-4 5 5:n %2 5:n %2 5:n 4-2 cos %2 5:n 4-4 7 11-cos %2 cos 4-4 9

Como.

```
Xanam Bukmopus
                   3. Casuacoe glumerue morker a nb. mesa
 601-302
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Darw. We= Ezwe, Ez= Ez Ez, Was== 0 . Hom. Worm, Vorm

Onbern: Warn - Wer Er; Vann - - Zwe Er

$$= \frac{1}{2} \frac{\omega^{2}}{4} \left((2 - (4 \cdot \omega + \cos \omega +)^{2})^{2} + (4 \cdot \omega + (4 \cdot \omega + \omega + - \omega + \sin \omega +))^{2} \right)$$

$$W_{N} = \sqrt{\left(\frac{r_{2}}{c_{3}} + \omega_{3} - \frac{r_{2}}{c_{3}}\right)^{2} + 4\omega_{3} c_{3} \left(\frac{r_{2}}{c_{3}} - \left(\frac{r_{2}}{c_{3}}\right)^{2}}{\left(\frac{r_{2}}{c_{3}} + \omega_{3} - \frac{r_{2}}{c_{3}}\right)^{2}}$$

$$W_{N} = \frac{r_{2}}{r_{3}} \left(\frac{r_{2}}{r_{3}} + \frac{r_{3}}{r_{3}} + \frac{r_{3}}{$$

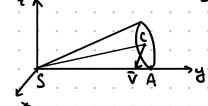
=) Onbern: Var= 2V_FS:nB/2, Wr = RV2 / Vr2+4R(R-m) sin2B/2

Σ ω(t) y s

Nonco: W(+), SC-h, LCSA = B, Vom = V, IVI = coust

1) SA - Leugheur, au, Th chammenne Hen

Pourosonuy (voryc role,



Konyc II $v = O_1$ α_1 α_2 α_2 α_3

Dans: dz = 45°, x1=90°, 001= (|V|=const, 0M=+(+)

1) Ryon & represent t Bor representation Oy.

Vm - Vrep + Vour = Vrep + () (+).

OB-remogener. our => TO 11 OB

√, - √, + w × ∞,

Onbern. Vn=
$$\sqrt{\frac{V^2}{4}+1^3(4)^2}$$
; Wn= $\sqrt{4\frac{V^2}{2}+1^3(4)+1^3(4)^2+\frac{V^4}{62}\cdot\frac{1}{2-52}}$

Como.



Poboquai bourn [3: 4-0; ii: 0-90°; Eii: 4-90°

OF. PG

D4.85

DT3