NOMBRE DEL ALUMNO: EDGAR DANIEL SANTIAGO
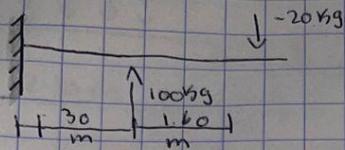
GUILLEN

NOMBRE DEL TEMA: ESTATICA

PARCIAL 3

NOMBRE DE LA MATERIA ESTATICA

NOMBRE DEL PROFESOR: PEDRO ALBERTO GARCIA LOPEZ
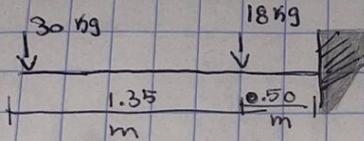
NOMBRE DE LA LICENCIATURA ARQUITECTURA

CUATRIMESTRE 3

$$MA = (100\,kg \cdot 1.30\,m) + (-20\,kg \cdot 2.90\,m) = 0$$
$$1.30\,kg \cdot m + 58\,kg \cdot m = 0$$
$$MA = 72\,kg \cdot m$$

$$MA = (18\,kg \cdot 0.50\,m) + (30\,kg \cdot 1.85\,m) = 0$$
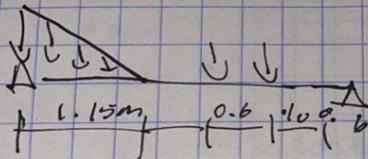$$9\,kg \cdot m + 55.5 = 0$$
$$MA = 64.5\,kg \cdot m$$
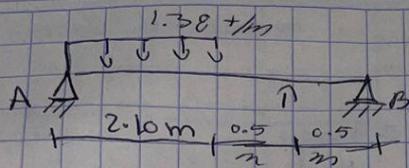
$P = m \cdot l$

$\nu p = \dfrac{1}{2}$

$MA = (2.89 \text{ ton} \cdot 2.10 \text{ m}) + (0.75 \text{ ton} \cdot 2.6 \text{ m})$

$MA = 3.042 - 1.95 = 1.092$ Onda do

$MA = 1.092$
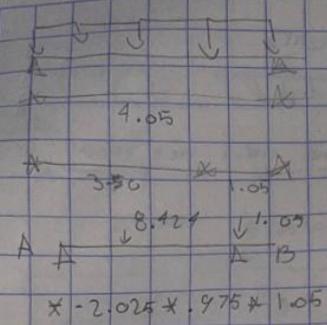
$D = \dfrac{w \cdot L}{2}$

$P = \dfrac{2.10\,(1.15)}{2}$

$P = 2.415 = 1.2075 \text{ to}$

$\nu p = \dfrac{1.15}{3} = 0.3833$

$MA = (1.075 \text{ ton} \cdot 0.3833) + (-1.05 \text{ ton} \cdot 1.75) + (-1.05 \text{ tm} \cdot 2$

$MA = (-0.4625 \text{ ton} \cdot \text{m} - 1.8375 \text{ ton} \cdot \text{m} - 2.887 \text{ ton} \cdot \text{m})$

$MA = -5.187 \text{ ton} \cdot \text{m}$

4.05

3.50   .05

8.424   1.05

A   B

$x - 2.025 * .975 * 1.05$

$MA = (-8.424 \cdot 2.025) + (1.05 \cdot 3) + (RB \cdot 4.05)$

$20.208 (RB \cdot 4.05)$

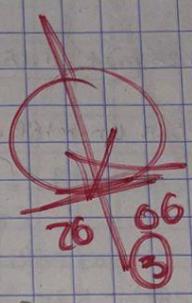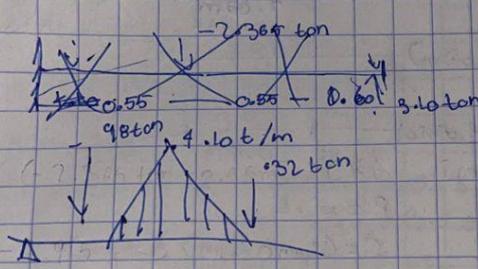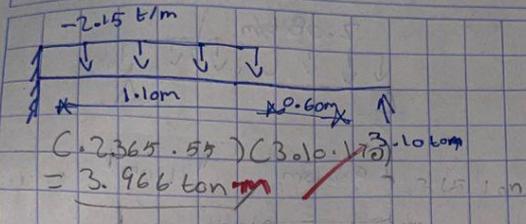$RB = 20.208 / 4.05 = 4.989 \, ton$

$RA (-8.424 - 1.05 = +4.989 - 4.485 \, ton$

$MA = (8.937 \cdot 2.10) + (RB \cdot 4.2)$

$RB = -18.767 / 4.2 = RB = 4.468 \, ton$

$RA = -8.937 + 4.468 = RA = 4.466 \, ton$
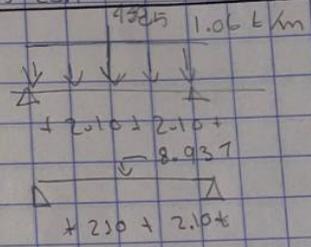
4.205   1.06 t/m

+ 2.10 + 2.10 +

8.937

+ 2.10 + 2.10 t

-2.15 t/m

(.2365 . 55)(3.10.170) 3.10 ton

= 3. 966 ton m

-2.36 ton

0.55   0.55   0.60   3.10 ton

98 ton   4.10 t/m
         .32 ton

(98 · 1.10)(-5.33.24) + (-32.3.7) + (RB .4.8)

15.054 + RB 14.8

RB = 15.05 4 - 3.136 ton
      4.8

MA = RA · 98 + 5.33 - 32 + 3.136 = -3.494

BA = 3.494 ton