UDS
PASIÓN POR EDUCAR

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Nombre del profesor: Pedro Alberto García López

Nombre del trabajo: Problema

Materia: Estática de la arquitectura

Grado: 3er cuatrimestre

Carrera: Arquitectura

$0.38/n$

$P = 0.32(6) = 0.96$ ton

$U_p = \frac{2}{6/2} = 3m$

$6m \quad 0.96$

$3 \quad | \quad 3 \quad | \quad \vdash 3 \not\vdash 3 \dashv$

$-0.96(3) + B(6) = \qquad B = 0.48 \downarrow$

$-2.88 + B(6) =$

$A - 0.96 + 0.48 = 0$

$A - 0.48 = 0$

$A = 0.48 \downarrow$

0.32

-1.10

$P = .96$

$U_p = 3$

$5 \quad 1.1 \quad .96 - 1.10$

$\frac{}{36}$
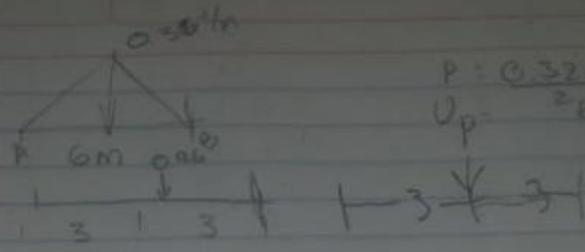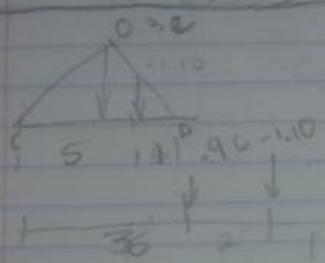
$D = 1.396 \downarrow$

$C - 0.96 - 1.10 + 1.396$

$C - 0.664 = 0$

$C = 0.664 \downarrow$

$0.70 \quad 6.24 \quad 0.70$

$P = 0.78(8) = 6.24$

$U_p = \frac{8}{2} = 4$

$A \qquad C$

$3 \quad | \quad 1 \quad | \quad 1 \quad | \quad 3$
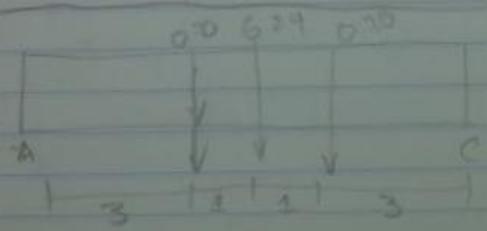
$C = 3.8225 \downarrow$

$A - 0.70 - 6.24 - 0.70 + 3.8225 = 0$

$A = 3.8175 \qquad A = 3.8175 \downarrow$

$0.96(3) - 1.10(6) + D(6) =$

$-2.88 - 5.5 + D6$

$-8.38 + D6$

$D6 = \dfrac{8.38}{6} = 1.396 \quad D = 1.396$

$-0.70(3) - 6.24(4) - 0.70(6) + C(8)$

$-2.1 - 24.96 - 3.5 + C8$

$-30.56 + C8$

$C8 = \dfrac{30.56}{8}$

$C = \dfrac{30.56}{8} \quad C = 3.8225$ or

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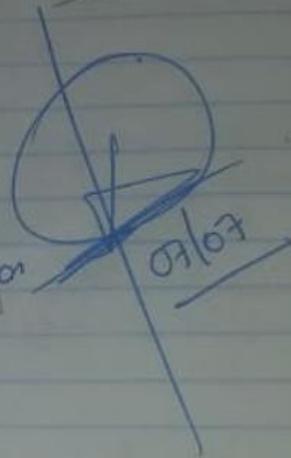
$A = 0.48 + 3.8175 = \qquad C = 0.664 + 3.8225$

$A = 4.2975$ /

$B = 0.48$

$C = 4.4865$ /

$D = 1.396$