UDS UNIVERSIDAD DEL SURESTE

"Pasión por educar"

# MÉTODOS ENERGÉTICOS

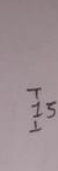
- Lic. Arquitectura
- 5to cuatrimestre
- Rudy Guillén Pohlenz
- PEDRO ALBERTO GARCIA LOPEZ
- ANALISIS DE ESTRUCTURAS

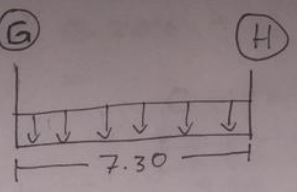
12/02/2021

Cerramiento-5

Trabe

7.30/12 = 0.60 //




13.3225 (0.610) = 8.126725 T/m / 7.30 m

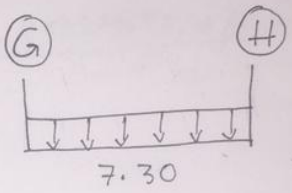
= 1.11325 T/m //

Muros

M = Muros

DI = Dala intermedia

C = Cerramiento




M = 1.38 (0.270 T/m)

= 0.3726 T/m

x 2 = 0.7452 T/M //

DI = 0.15 x 0.20 x 0.240

= 0.0072 T/m //

C = 0.15 x 0.20 x 0.240

= 0.0072 T/m //

13.3225 (0.700) = 9.32575 / 7.30

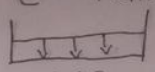
= 1.2775 T/M //

Total = 3.20035 T/m //

C-17

$2.90/12 = 0.2416$ = T 25 ☐ T 15

C - Planta A




M = Muro
DI = Dala intermedia
C = Cerramiento

Muros :

M = 1.38 (0.270 T/M)
= 0.3726 T/m²
X2 = 0.7952 T/m² //

DI = 0.15 x 0.20 x 0.240
= 0.0072 T/m² //

C = 0.15 x 0.20 x 0.240
= 0.0072 T/m² //

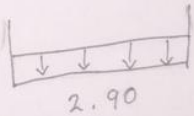
(1) $2.6302\ (0.610) = \frac{1.604.422}{2.90}$

$= 0.553248965$ T/m //

(2) $2.6302\ (0.610) = \frac{1.604422}{2.90}$

$= 0.55324965$ T/M //

C - Planta baja




$2.6302 \quad (0.700) = \frac{1.84114}{2.90}$

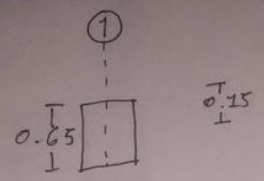
$= 0.634875862$ //

$2.6302(0.700) = \frac{1.84114}{2.90}$

$= 0.634875862$ //

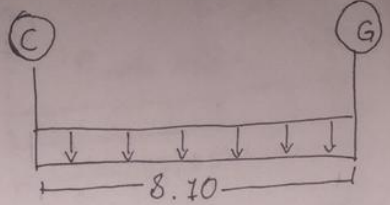
Total = 3.185851024 T/M //

C-1




8.1/12

= 0.675




16.4000(0.610)=10.004

= 1.235061728T/M

Muros

M = Muros

CI = Cadena intermedia

C = cerramiento

M= 7.38(0.270T/m)

= 0.3726T/M

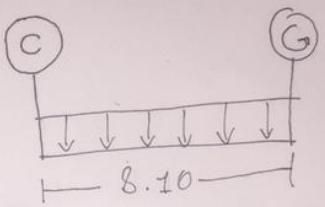
X2 = 0.7452 T/M//

DI=0.15x0.20x0.240

= 0.0072 T/M//

C = 0.15 x 0.20 x 0.240

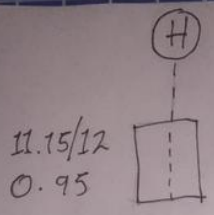
= 0.0072T/M



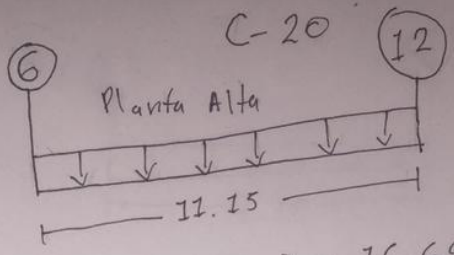

16 4000 (0.706) = 11.48 / 8.10

= 1.417283951T/M//

Total = 3.461945679T/M//




C-20




$= 27.3750\ (0.610) = 16.69875$

$= 1.49764574\ T/M$ //

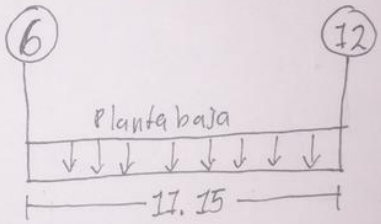
Muros

M = Muros
CI = cadena intermedia
C = Cerramiento

$M = 7.38\ (0.270\ T/M)$
$= 0.3726\ T/M$
$X2 = 0.7952\ T/M$ //

$DI = 0.15 \times 0.20 \times 0.240$
$= 0.0072\ T/M$ //

$C = 0.15 \times 0.20 \times 0.240$
$= 0.0072\ T/M$ //



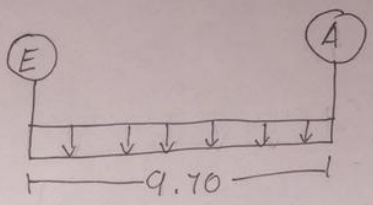

$= 27.3750\ (0.700) = \frac{19.1625}{11.15}$

$= 1.71809865\ T/M$ //

Total = $4.02585605\ T/M$ //

T-22


9.10/12
= 0.75 //




20.6625 (0.610) = $\frac{72.604125}{9.10}$

Total = 1.383068681 //