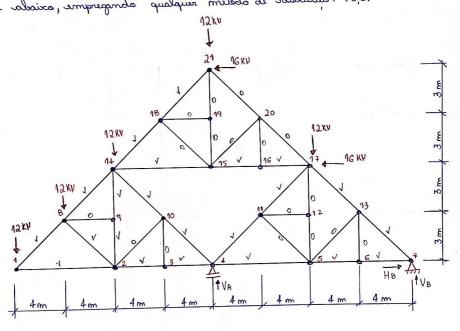
Universidade da Catada da Ria de Taniura. Ria de Tanuira, 16 de Mais de 2021. Grupo: Dupermatural (Igor Felipe, Karaisio Fernandes e Khayaa Vellago)

Pa de Resmat II

1- lipo aplicar es dados de sue grupo, tracar o diagrama de safarcas marmais da tribia absisso, empregendo qualquer metado de reduces. (3,0)

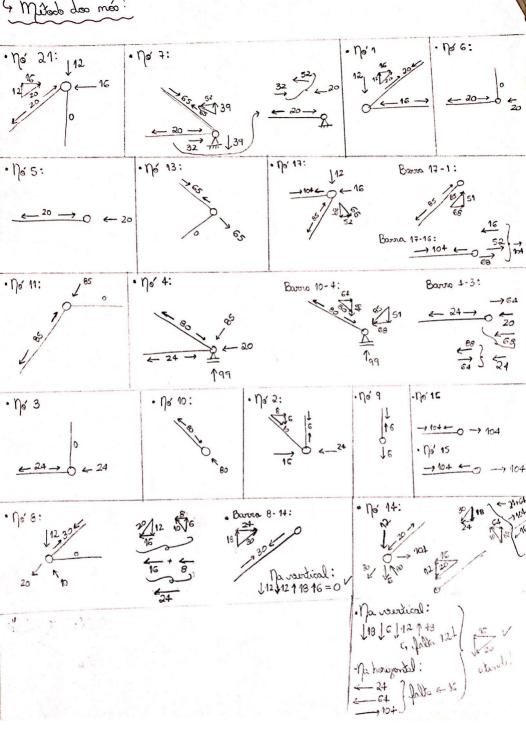


G Reacon de apoio:

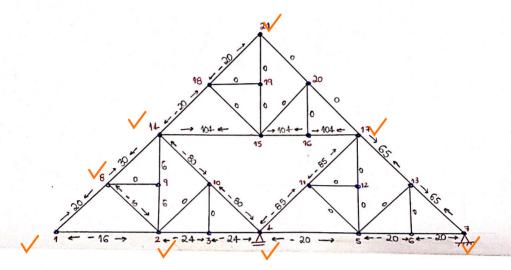
VA+VB= 60 VB= 60-99 VB=-39 KV

16 Va = 1584 Va = 1584

(VA: 99 KV)

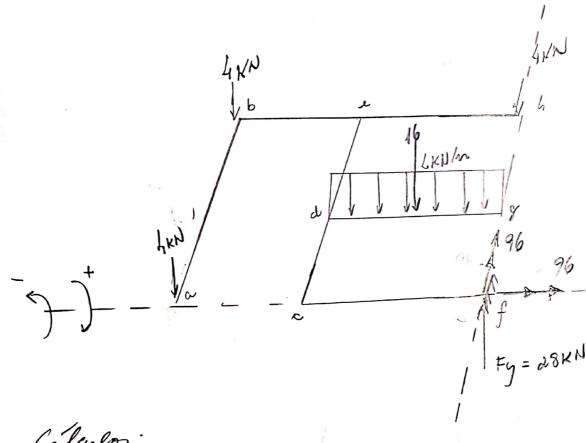


Digitalizada com CamScanner



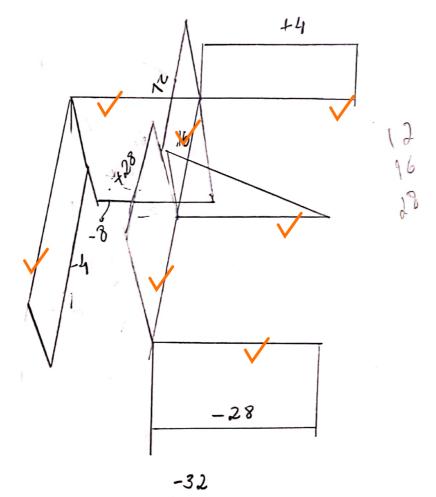
Questão 2: Graha 1 + Vardois Erella 2 - Shayna Grella 3 - Joger

Gulla 1

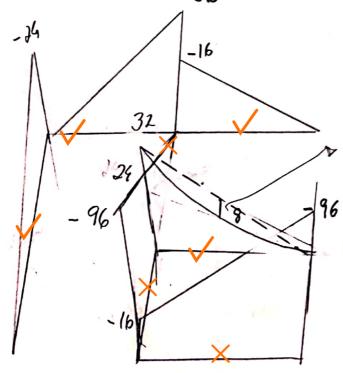


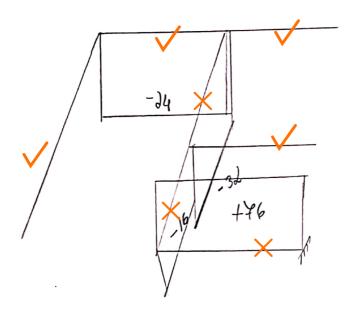
$$\begin{split} \mathcal{E} F_{b} = 0 & \Rightarrow F_{y} - 4 - 4 - 16 = 0 \\ F_{y} = 28 \text{KM} \\ & = 0 \\ \text{Ff} = 0 & \Rightarrow -4(6) - 4(6) - 16(3) + \text{Mf}_{x} = 0 \\ \text{Mf}_{x} = 96 \text{ k}^{\text{M} \cdot \text{m}} \\ & = 8 \text{ k}^{\text{M} \cdot \text{m}} \\ & = 8$$







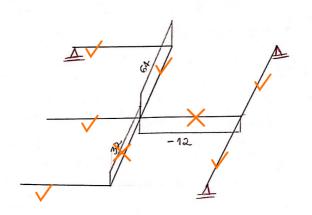




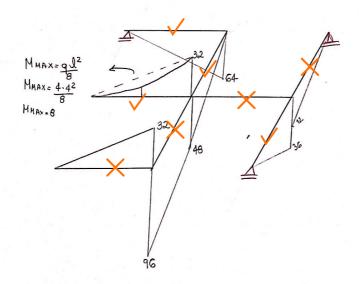
obramam de capación de apoio (1,0) a vacar co diagraman de contacte (1,5), momento Meter (3,0) a Forcor (1,5): G Reacon de aporo: ΣFv=0 VA + VB + Vc = 20 Va + VB + Vc - 4 - 16 = 0 Vc = 20-VA-VB Vc: 20-12-16 VA+VB+Vc = 20 Vc. 20 - 28 ΣMAC=0 - 16-3-4-6+6VB=0 -48-24 +6VB=0 4 Diagrama de Catante: 6VB= 72 > VB= 12 KV ∑MBC=0 VA (-8) -16(6) -4(-8)=0 -8VA+96+32=6 8VA = 128

exceeds nasitotexa sallero nert as some relosar eved oquez ab etnargethi abal (6

G Diagrama de Gorca:



4 Diagrama de Flitor:

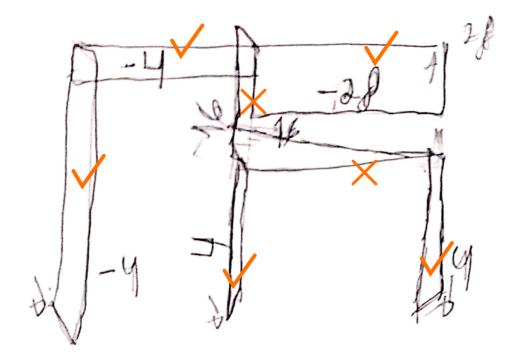


J. J. J. J. M. J. M. J. J.

Efy fy - 4-4-4-26=0 Ay=16KM

Jula 3

 $\sum_{M_{3}} -4(9) -4, 2 - 16.24 M_{q=0}$ $M_{3} = 80 KNm$ $\leq 4 = 0$ $M_{3} \leq 4 4, 5 + 4, 5 + 16.3 - M_{7=0}$ $M_{3} \leq 120 KNm$



White

(2) maxx= 4.42=f

mohenta

1-24

tonzon

Digitalizado com CamScanner