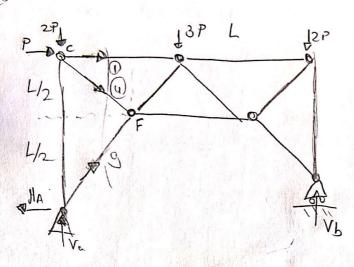
(I=



$$\sum F_{x=0} \rightarrow Ha = P$$

$$\sum M_{B} = 0 \rightarrow A$$

7-)

$$\sum M_{F_{ij}} = 0$$

$$4F_{ij} \left(\frac{L}{2}\right) + P\left(\frac{L}{2}\right) + P\left(\frac{L}{2}\right) - 2P\left(\frac{L}{2}\right) + 3P\left(\frac{L}{2}\right) = 0$$

$$F_{ij} = -3P - B \text{ compressor}$$

$$\sum_{i} |M_{iD}| = 0$$
+ $F_{ij} / sen(\theta(1) + 3P(1) - P_{i}(1)) + 2P(1) = 0$

$$F_{ij} / sen(\theta = 2P) \Rightarrow F_{ij} = \frac{2P}{sen^{2}}$$

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$$\sum M_c = 0$$

 $+F_8 \subset O(L) - P(L) = 0$
 $F_8 = \frac{P}{COMS} = D \left[F_8 = 1,414P\right]$

ETE 702D

Igo Giki

Iga Eit: F. Kubota Ra: 19.02466-5

$$\lambda_{lim} = \sqrt{\frac{\pi^2 \cdot E}{c_{i,5} \cdot 6}} = \sqrt{\frac{\pi^2 \cdot 200 \cdot 10^3}{0.5 \cdot 310}} = 112,85$$

$$\lambda_{1} > \lambda_{lim} = 10$$

$$\lambda_{2} = \frac{k_{1}L}{lim_{10}} = \frac{5000}{15} = 263,158$$

$$\lambda_{3} > \lambda_{1} > \lambda_{1} > \lambda_{1} > \lambda_{2} = 100$$

$$\lambda_{3} = \frac{k_{1}L}{lim_{10}} = \frac{5000}{15} = 263,158$$

$$G_{F_1} = \frac{\pi^2 \cdot E}{\lambda^2} = \frac{\pi^2 \cdot 200.10^3}{(263,158)^2} = 28,503 \text{ Mpa}$$

