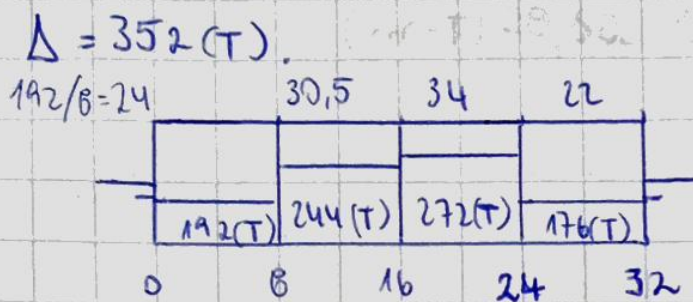




$$\Delta = \frac{352 (T)}{32 (m)} = 11 (T/m)$$

$$\Delta_{max} = \frac{1236 (T)}{32 (m)} = 38,625 (T/m)$$

carga (T/m) |

- 0-8 $\Rightarrow (-11 - 24) + 38,625 = 3,625 (T/m)$
- 8-16 $\Rightarrow (-11 - 30,5) + 38,625 = -2,875 (T/m)$
- 16-24 $\Rightarrow (-11 - 34) + 38,625 = -6,375 (T/m)$
- 24-32 $\Rightarrow (-11 - 22) + 38,625 = 5,625 (T/m)$

S. F (T) |

- ② 8 $\Rightarrow (3,625 \cdot 8) = 29 (T)$
- ② 16 $\Rightarrow (-2,875 \cdot 8) = (-23) + 29 = 6 (T)$
- ② 24 $\Rightarrow (-6,375 \cdot 8) = (-51) + 6 = -45 (T)$
- ② 32 $\Rightarrow (5,625 \cdot 8) = (45) - 45 = 0 (T)$

B. M (T-m) |

- ② 8 $\Rightarrow 116 (T-m)$
- ② 16 $\Rightarrow 256 (T-m)$
- ② 24 $\Rightarrow 100,23 (T-m)$
- ② 32 $\Rightarrow -79,77 (T-m)$

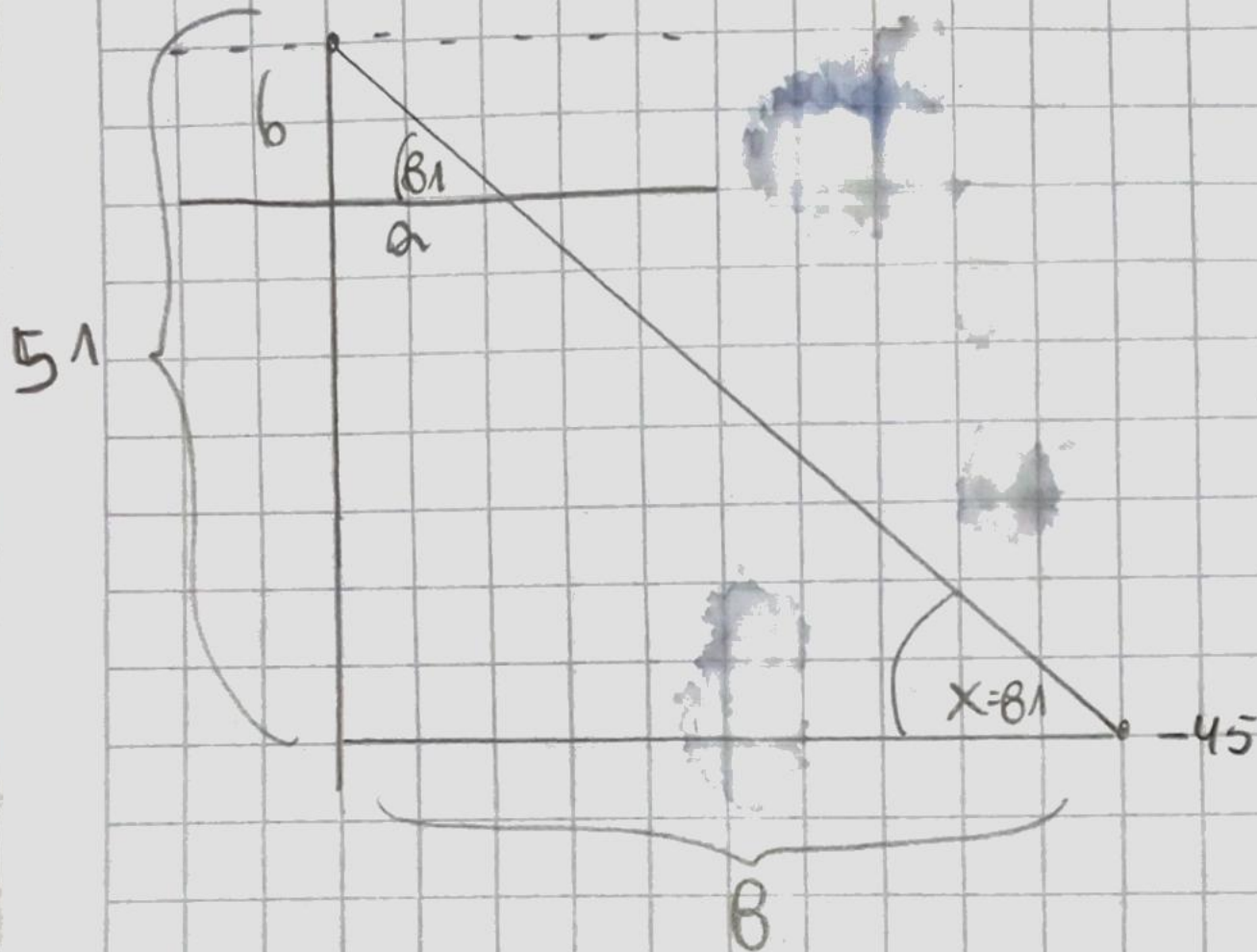
$$\star A_1 = \frac{1}{2} \times 29 \times 8 = 116 (T-m)$$

$$\star A_2 = \left(\frac{1}{2} \times 23 \times 8 \right) + (6 \times 8) = 92 + 48 = 140 (T-m)$$

$$\star A_3 = \frac{1}{2} \times 6 \times 0,9503066419 = 2,851099257 (T-m)$$

$$\star A_4 = \frac{1}{2} \times (-45) \times 7,049693358 = -158,62 (T-m)$$

$$\star A_5 = \frac{1}{2} \times (-45) \times 8 = -180 (T-m)$$



$$\lg(x) = \frac{51}{8}$$
$$x = 81^\circ$$

$$\operatorname{tg}(6i) = \frac{b}{a}$$

$$Q = \underline{6}$$

tg (8)

$$a = 0,9503066419 //$$

(T-m)

600
540
480
420
360
300
240
180
120
60
0
-60
-120

máximo momento
fleutor.

(T/m)

(T)

5	50
4	40
3	30
2	20
1	10
0	0
-1	-10
-2	-20
-3	-30
-4	-40
-5	-50
-6	-60

256

258,85

29

116

6

10,23

-79,77

-45

* mínimo momento flector $\Rightarrow 258,85 \text{ (T-m)}$

* Esfuerzo $\Rightarrow$ Arco.

POSICIÓN MÁXIMO MOMENTO FLECTOR: 16,95 (m)