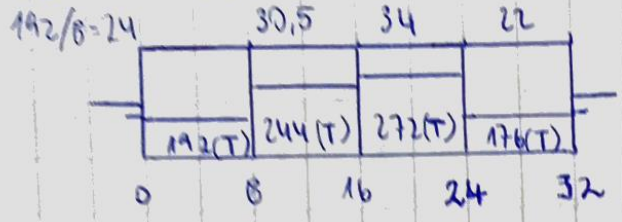
$\Delta = 352\ (T)$.

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

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



Carga (T/m)

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

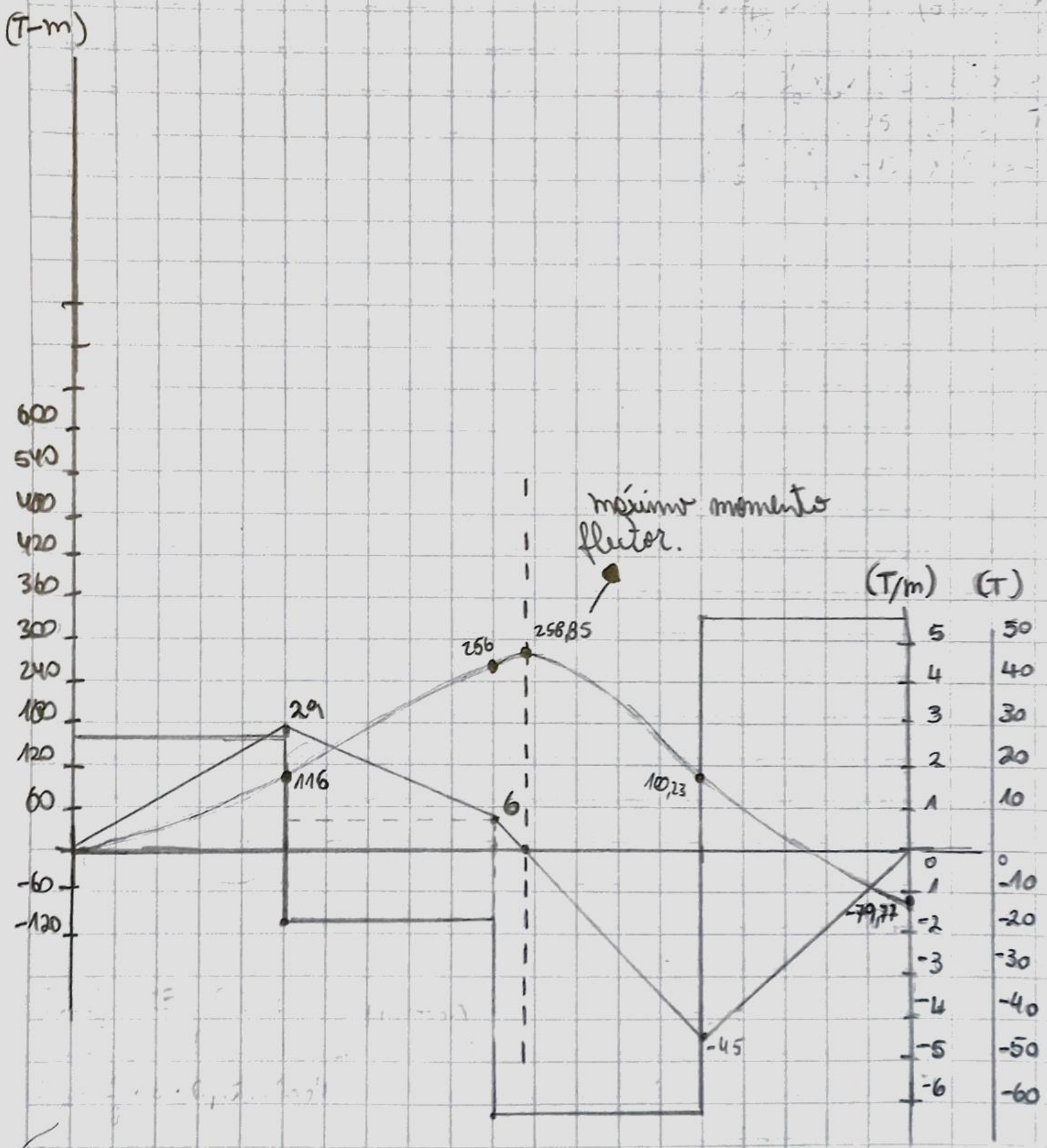
S. F (T)

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

B. M (T-M)

@ 8	$116\ (T-m)$
@ 16	$256\ (T-m)$
@ 24	$100{,}23\ (T-m)$.
@ 32	$-79{,}77\ (T-m)$

* $A_1 = \frac{1}{2} \times 29 \times 8 = 116\ (T-m)$
* $A_2 = (\frac{1}{2} \times 23 \times 8) + (6 \times 8) = 92+48 = 140\ (T-m)$.
* $A_3 = \frac{1}{3} \times 6 \times 0{,}950306641 = 2{,}851099257\ (T-m)$
* $A_4 = \frac{1}{3}^2 \times (-45) \times 7{,}049693358 = -158{,}62\ (T-m)$
* $A_5 = \frac{1}{2} \times (-45) \times 8 = -180\ (T-m)$.


(T-m)
600
540
480
420
360
300
240
180
120
60
-60
-120
máximo momento flector.
(T/m)
(T)
5
4
3
2
1
0
1
-2
-3
-4
-5
-6
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
256
258,85
29
116
6
100,23
-79,77
-45

* Máximo momento fletor => 258,85 (T-m)
* Esfuerzo => Arcilla.