

$x$

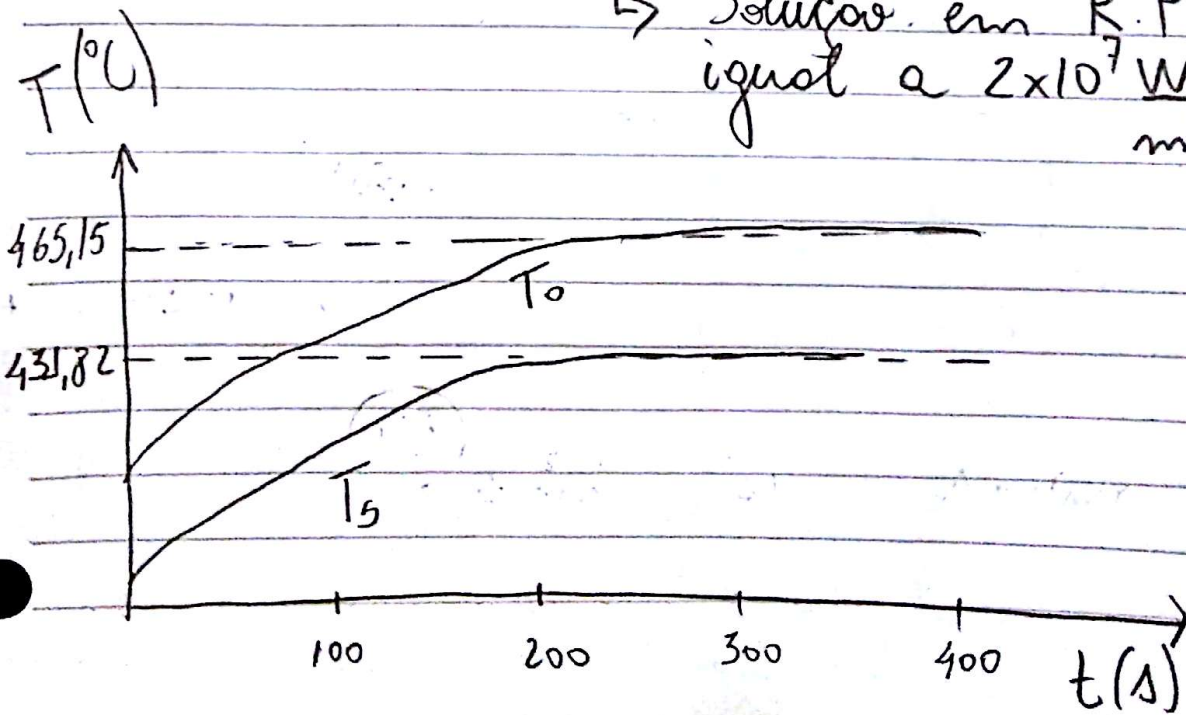
		0	$2 \times 10^{-3}$	$4 \times 10^{-3}$	$6 \times 10^{-3}$	$8 \times 10^{-3}$	$10^{-2}$
P	$t(\Delta)$	$T_0$	$T_1$	$T_2$	$T_3$	$T_4$	$T_5$
0	0	357,58	356,91	354,91	351,58	346,91	340,91
1	0,3	358,08	357,41	355,41	352,08	347,41	341,41
2	0,6	358,58	357,91	355,91	352,58	347,91	341,88
3	0,9	359,08	358,41	356,41	353,08	348,41	342,35
4	1,2	359,58	358,91	356,91	353,58	348,89	342,82
5	1,5	360,08	359,41	357,41	354,07	349,37	343,27
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
∞	∞	465,15	463,82	459,82	453,15	443,82	431,82

Como obter a solução para  $T \rightarrow \infty$ ?

Através de: 
$$T(x) = \left[ T_{\infty} + \frac{\dot{q} L}{h} \right] + \frac{\dot{q} L^2}{2k} \left( 1 - \frac{x^2}{L^2} \right)$$

Para  $\dot{q} = 2 \times 10^7 \rightarrow T(x) = 431,82 + 33,34 \left( 1 - \frac{x^2}{10^{-4}} \right)$

↳ Solução em R.P.  $p/\dot{q}$  igual a  $2 \times 10^7 \frac{W}{m^3}$  !!!



(130)