Solvaiones hoja 7

1
$$I = 0/0125e^{-t/2}$$
 (A) an tens

3 (a):-12,56 V (b) +12,56 V (c) +25,13 V
(d)
$$19,74 \sin(\omega t + \phi)(v)$$
; $\omega = 15,71 s^{-1}$
(e) $39,48 \sin(\omega t + \phi)(v)$; $\omega = 31,42 s^{-1}$

$$I = -\frac{\mu_0 I_0 a_0 b^2}{z \pi t_0 R} \cdot \frac{1}{(a_0 + vt)^2}$$
 (si b((a))

$$= -8.10^{-12} A \quad at=0 \quad con \quad J_0=2A \quad sentido \quad T_E$$

$$J(t)=I_0t$$

$$a_0 \quad |a|b$$

(6) (a)
$$k = 100\pi$$
; $N = 1000$ (b) $B = 1,45.16^5 T = 0,146$
(b) $T = -2,29.16^7 \cos(\omega t + \phi)$ (A) can $t \in S$.
(the autoinducción $L_{\epsilon} = 3.16^{12} A$)