## Práctica 2

$$\begin{array}{c|c}
T_{ins} : \oint_{C} H \cdot \overline{M} \\
-\overline{I} = H \rho(\rho) \cdot \widehat{\rho} \\
-\overline{I} = \frac{\overline{I}}{2} \cdot \widehat{A} \cdot \left(\frac{A}{m^{2}}\right)
\end{array}$$

Tomamas 
$$\beta \leq \alpha$$

$$\int H \cdot \overline{A} = \int H \varphi(\beta) \cdot \widehat{\varphi} \cdot \widehat{\varphi} \cdot 2\pi \beta + H \varphi(\beta) \cdot \widehat{\varphi} \cdot 2\pi \beta + H \varphi($$

## Tomames acp26

$$-b \left[ \overline{H} = \frac{I}{2\pi s} \widehat{\varphi} \right]$$

Tomames 6296 d & H. Al = Hp2Tis

Para 15 d JH. dl = Hφ2Hβ
No hay campo magnético un

Iins=Iins, -Ins, = 0 (el exterior del cable coaxial f. Il =Hφ2HP Calculamos Waz  $\sqrt{m_2} = \frac{1}{2} 2 \pi l^2 \int |\tilde{H}|^2 f df = \frac{1}{2} 2 \pi l^2 \int \frac{T^2}{2 t t^2 \rho^2} f d\rho \rightarrow 0$ -> M. I2l. / of /M I2l. hill (J) / L2 = M. Pn(b)(t) = Inductancia por unidad de langitud un le zone comprendide lubre a y b. Calculanes Wm3  $\frac{1}{2} = \frac{1}{2} = \frac{1$ -> M.l. -Z (dz-pz)2 ff = fil I2 | fd y f - (dz-pz)2 ff + fd  $\frac{1}{4\pi} \frac{h \cdot l}{(d^{2}b^{2})^{2}} \left[ \frac{d^{4}h(d) - 2d^{2}(\frac{d^{2}b^{2}}{2}) + (\frac{d^{5}b^{5}}{5})}{(\frac{d^{5}b^{2}}{5})^{2}} \left( \frac{d^{4}h(d) - 2d^{2}(\frac{d^{2}b^{2}}{2}) + (\frac{d^{5}b^{5}}{5})}{(\frac{d^{5}b^{5}}{5})^{2}} \right) \right]$