

Epoppogn:

Lar (0) = Mcos 8 Ns = 1000 shypuza Nr= 100 Edippara

A) P. D=0 B) As TETILESPAEVA pon 520 TINVIO TELEN ÓTEN 0=0 is =0 ir = 10A

K) Edv is=Is, ir=Ir, (ouvern perponea) va U TORONOTOSY KUI VA KAPULEMPILODOSY OI DEGES 160ppo Tias

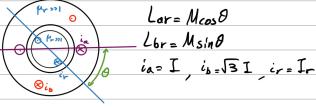
a)
$$R = \frac{N_5 \cdot N_r}{A} = \frac{(000 \cdot 100)}{(000 \cdot 100)} = \frac{(0^{-7} A)}{(000 \cdot 100)}$$

 β) $\lambda_s = MIr = 0.1Wb$

Tπεδ= is·ir = dLsr(θ) = MIs Ir sinθ => onqueia 100ppoπlas: Tπεδ(θ)=0 >> L харантрібро́з 160000 тів \Rightarrow sin0=0 \Rightarrow $\theta_{\text{M}} = 0.\pi (+ 9 \text{L}_{\pi})$

Tris =-MI, Ircad =-MI, Irco (sucradés) $\frac{\partial T_{\pi s \delta}}{\partial \theta} \bigg|_{\theta = \pi} = M J_s J_r \cos \theta = M J_s J_r > 0 \quad (accadés)$

Egapuorn' 2



(a) Τπες (θ); σημεία ισυρροπίας; Tres = ia in dlar + is in dlor = MI, I (3000 - sind)

