

2.) ges.:
$$k_{n}\phi_{N}$$
, M_{N} , P_{N} $R_{E} = 2.5\Omega$
 $I_{E} = \frac{U_{AN}}{R_{E}} = 16A$ $I_{ALL} = 0$.

 $V_{i} = 19.5V$ $\Rightarrow k_{i}\dot{\phi} = \frac{U_{i}}{\Omega_{m}} = \frac{19.5V}{1000^{-1}.2\pi} = \frac{19.5V}{1000^{$

$$U_{AN} = l_{SI} \phi \cdot \Omega_{O} \Rightarrow N_{O} = \frac{U_{AN}}{l_{C}} \cdot \frac{G_{O}}{2\pi} = \frac{2051.3 \frac{U}{min}}{l_{C}}$$

$$U_{A} = I_{A}R_{A} + k_{A} \phi \Omega_{N} \Rightarrow R_{A} = \frac{U_{A} - l_{C}}{l_{C}} \phi \frac{2\alpha\sigma^{\frac{1}{1}} n \cdot 2\pi}{l_{O}}$$

$$I_{A} = I_{A}R_{A} + k_{A} \phi \Omega_{N} \Rightarrow R_{A} = \frac{U_{A} - l_{C}}{l_{C}} \phi \frac{2\alpha\sigma^{\frac{1}{1}} n \cdot 2\pi}{l_{O}}$$

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$$I_{A} = I_{A}R_{A} + l_{C} \phi \Omega_{N} \Rightarrow R_{A} \Rightarrow R_{A$$