

$$\text{a) } I_{ag} = \frac{M_f}{C_M \cdot \Phi} = \frac{60}{1,2} = 50 \text{ A}$$

$$\text{b) } U_i = C_u \cdot \Phi \cdot n = 0,126 \cdot 1500 = 189 \text{ V}$$

$$R_b + R_f = \frac{U_i}{I_{ag}} = \frac{189}{50} = 3,78 \text{ } \Omega$$

$$R_f = 3,78 - 0,16 = 3,62 \text{ } \Omega$$

$$\text{c) } U_i = I_{ag} \cdot R_b = 50 \cdot 0,16 = 8 \text{ V}$$

$$n = \frac{U_i}{C_u \cdot \Phi} = \frac{8}{0,126} = 63,49 \text{ 1/min}$$

3.2.7. feladat

$$I_{ag} = 50 \text{ A}$$

$$R_f = 3,62 \text{ } \Omega$$

$$n = 63,49 \text{ 1/min}$$